

Led & Led®



SISTEMI DI ILLUMINAZIONE A LED
LED LIGHTING SYSTEMS



made by



ELTEK
HIGH POWER LIGHTING OPTICAL FIBERS

2007 - 2008

Led & Led[®]

*Massima efficienza,
massima qualità*

*Maximum efficiency,
maximum quality*

Led & Led®

SISTEMI DI ILLUMINAZIONE A LED AD ALTA EFFICIENZA
HIGH EFFICIENCY LED LIGHTING SYSTEMS

prodotti products

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CIO' CHE OCCORRE SAPERE

IL LED - LIGHT EMITTER DIODE -

E' UN DISPOSITIVO OPTOELETTRONICO CHE TRASFORMA LA CORRENTE DA CUI E' ATTRAVERSATO IN LUCE E CALORE, NON IRRADIATO, DA DISSIPARE ATTRAVERSO UN'APPOSITA STRUTTURA MECCANICA.

Led & Led UTILIZZA LED DI ULTIMA GENERAZIONE, DI MASSIMA QUALITA' E SCELTA, IN GRADO DI PRODURRE QUANTITA' E QUALITA' DI LUCE IMPENSABILI SOLO POCO TEMPO FA. SONO DISPONIBILI NEI SEGUENTI COLORI:



I VANTAGGI DEL LED

BASSISSIMA POTENZA ASSORBITA = GRANDE RISPARMIO ENERGETICO ED ECONOMICO, FINO A 20 VOLTE MENO DI UN IMPIANTO CONVENZIONALE.

DURATA FINO A 100.000 ORE = ASSENZA DI RICAMBI LAMPADA E MANUTENZIONI

NON IRRADIA CALORE (IR) E ULTRAVIOLETTI (UV) = NON DANNEGGIA QUANTO ILLUMINATO

VERSATILITA' = CORPI ILLUMINANTI DI PICCOLE DIMENSIONI, FACILMENTE COLLOCABILI

SICUREZZA = IL FARETTO LED FUNZIONA CON MENO DI 4 Vcc, DISACCOPIATO DALLA RETE DELL'ALIMENTATORE ELETTRONICO (DRIVER) CON CORRENTE DI MAX 700 mA

IL SISTEMA RGB

E' COMPOSTO DA 3 LED - ROSSO, VERDE, BLU - O DA 1 SOLO LED CHE LI COMPRENDE TUTTI.

LA MISCELAZIONE DIMMERATA DEI 3 COLORI PRODUCE TUTTI I COLORI DELL'IRIDE, CON GRANDI EFFETTI SCENOGRAFICI.

L'ALIMENTAZIONE E' COME PER GLI ALTRI LED MA CON APPOSITI DRIVER RGB A 3 CANALI.

L'ALIMENTAZIONE DEL LED

PUO' AVVENIRE ESCLUSIVAMENTE ATTRAVERSO GLI APPOSITI ALIMENTATORI ELETTRONICI A CORRENTE COSTANTE (DRIVER) LE CUI TENSIONI DI INGRESSO POSSONO ESSERE DI 12-15 Vca-cc O 220-240 Vca. LE CORRENTI IN USCITA SONO DI

350 mA PER ALIMENTARE LED DA 1,2w

500 mA PER ALIMENTARE LED DA 2w

700 mA PER ALIMENTARE LED DA 3w

MOLTI FARETTI PREVEDONO IL DRIVER INTERNO O LA POSSIBILITA' DI ALLOGGIARLO.

I LED POSSONO ESSERE ALIMENTATI ANCHE CON CORRENTI SUPERIORI, AUMENTANDONE LA LUCE EMessa E IL CALORE PRODOTTO, MA RIDUCENDONE SENSIBILMENTE LA DURATA.

IL DRIVER

NON INCLUSO, SALVO DIVERSA INDICAZIONE, VA SCELTO IN BASE AL NUMERO DI LED DA ALIMENTARE ED ALLA CORRENTE DA ESSI RICHIESTA, RIPORTATA NELLA DESCRIZIONE DEL DISPOSITIVO.

ALIMENTANDO DIVERSAMENTE I LED - BATTERIE, TRASFORMATORI, ECC. - SE NE PUO' PROVOCARE L'IMMEDIATA DISTRUZIONE.

IL COLLEGAMENTO ELETTRICO

DEI LED DEVE AVVENIRE **IN SERIE**, RISPETTANDO IL POSITIVO - ROSSO - ED IL NEGATIVO - NERO - ED IL NUMERO MASSIMO DEI LED INSERIBILI SUL DRIVER UTILIZZATO.

IL DRIVER INTERNO AL FARETTO

MOLTE VOLTE E' CONVENIENTE UTILIZZARE FARETTI CON DRIVER INTERNO: PERMETTE IL COLLEGAMENTO **IN PARALLELO** DEGLI STESSI, **2 PRESSACAVI** CONSENTONO, ALL'OCCORRENZA, L'ENTRATA E L'USCITA DEI CAVI ELETTRICI.

WHAT YOU NEED TO KNOW

THE LED - LIGHT EMITTER DIODE -

IS AN OPTOELECTRONIC SYSTEM WHICH TRANSFORMS THE ELECTRICITY WHICH PASS THROUGH IT IN LIGHT AND HEAT, NOT IRRADIATED, THROUGH MECHANICAL STRUCTURE.

Led & Led USE LAST GENERATION'S LED, OF MAXIMUM QUALITY AND CHOICE, ABLE TO PRODUCE QUANTITY AND QUALITY OF LIGHT UNBELIEVABLE TILL FEW TIME AGO.

THEY ARE DISPOSABLE IN FOLLOWING COLOURS:



ADVANTAGES OF LED

VERY LOW POWER ABSORPTION = GREAT ENERGETIC AND ECONOMIC SAVING, UP TO 20 TIMES LESS RESPECT TO CONVENTIONAL SYSTEMS.

LIFE UP TO 100.000 HOURS = ABSENCE OF LAMP REPLACE AND MAINTENANCE

IT DOES NOT IRRADIATE HEAT (IR) AND ULTRAVIOLETS (UV) = IT DOES NOT CAUSE DAMAGES TO WHAT LIGHTED.

VERSATILITY = SPOT WITH SMALL DIMENSIONS, EASY TO LOCATE EVERYWHERE.

SAFETY = IT RUNS WITH LESS THAN 4 Vcc, UNCOUPLED FROM THE NET OF ELECTRONIC POWER SUPPLIER (DRIVER) WITH CURRENT OF MAX 700 mA

RGB SYSTEM

IT IS COMPOSED BY 3 LED - RED, GREEN, BLUE - OR BY 1 LED WHICH INCLUDE THEM ALL.

DIMMERED MIXING OF 3 COLOURS PRODUCE ALL COLOURS OF IRID, WITH GREAT SCENOGRAPHICAL EFFECTS.

THE POWER SUPPLY IS AS OTHER LED WITH SPECIAL RGB DRIVERS WITH 3 CHANNELS.

LED FEEDING

IT COULD BE EXCLUSIVELY THROUGH ELECTRONIC POWER SUPPLIERS WITH COSTANT CURRENT (DRIVER) WHICH INPUT TENSIONS COULD BE 12-15 Vca-cc OR 220-240 Vca, WHILE OUTPUT CURRENTS ARE

350 mA TO FEED 1,2w LED

500 mA TO FEED 2w LED

700 mA TO FEED 3w LED

MANY SPOTS PREVIEW INTERNAL DRIVER OR POSSIBILITY TO HOUSE IT.

LED COULD BE FEEDED WITH HIGHER CURRENTS, INCREASING THE LIGHT EMITTED AND THE HEAT PRODUCED, REDUCING DRASTICALLY THE LIFE OF DIODE.

DRIVER

NOT INCLUDED, WHERE NOT SPECIFIED, THE CHOICE IS BASED ON THE NUMBER OF LED TO FEED AND ON THE CURRENT REQUIRED FOR SUCH LED, SPECIFIED ON ITEM DESCRIPTION.

FEEDING DIFFERENTLY THE LED - BATTERIES, TRANSFORMERS, ETC. - IT COULD BE POSSIBLE TO DESTROY THEM.

ELECTRICAL CONNECTIONS

OF LED MUST BE **SERIAL**, RESPECTING POSITIVE - RED - AND NEGATIVE - BLACK - AND MAXIMUM NUMBER OF FITTABLE LED ON USED DRIVER.

DRIVER INSIDE THE SPOT

MANY TIMES IS CONVENIENTLY TO USE SPOTS WITH INTERNAL DRIVER: IT ALLOWS **PARALLEL** CONNECTION OF LED, **2 CABLE PRESS** ALLOW, WHERE NECESSARY, INPUT AND OUTPUT OF ELECTRICAL CABLES.

IN CASO DI INSTALLAZIONI IN ESTERNI, VASCHE, PISCINE, E' SENZ'ALTRO DA PREFERIRE IL DRIVER INTERNO A 12-15 Vca-cc, ALIMENTATO DA UN TRASFORMATORE **MECCANICO - NON ELETTRONICO** O BATTERIA.

SI OTTIENE COSI' LA MASSIMA SICUREZZA ED UN IMPIANTO ELETTRICO (A 12 V) DISACCOPIATO DALLA RETE, PIU' SICURO E NOTEVOLMENTE PIU' ECONOMICO, CON ALIMENTAZIONE DEI FARETTI IN PARALLELO.

SI ELIMINA LA NECESSITA' DI PREDISPORRE ADEGUATI ALLOGGIAMENTI PER I DRIVER ED IL RELATIVO CABLAGGIO CON I FARETTI LED, SEMPLIFICANDO L'IMPIANTO E RIDUCENDO ULTERIORMENTE I TEMPI DI INSTALLAZIONE E RELATIVI COSTI.

LUNGHEZZA E SEZIONE DEI CAVI ELETTRICI

1 O PIU' LED DA 1,2w, IN SERIE, POSSONO ESSERE ALIMENTATI CON CONDUTTORI LUNGI FINO A 70 mt. CA. CON SEZIONE DI 1 mm² SI PUO' COMUNQUE CALCOLARE LA SEZIONE DEI CONDUTTORI IN MANIERA CONVENZIONALE, TENENDO CONTO DELLA LUNGHEZZA NECESSARIA E DELLA CORRENTE CHE LI ATTRAVERSA.

IL MONTAGGIO DEI FARETTI LED

PUO' AVVENIRE MEDIANTE MOLLA, GHIERA O CASSAFORMA. **LA CASSAFORMA** E' REALIZZATA IN PVC O ALLUMINIO, TORNITI E RETTIFICATI IN MODO DA OTTENERE UNA **PERFETTA TENUTA STAGNA** LATERALE CON IL FARETTO MEDIANTE ORING SU DI ESSO MONTATO.

MONTAGGIO DELLA CASSAFORMA

INCOLLARE, MURARE O INSERIRE NELLA GETTATA DI CEMENTO LA CASSAFORMA, DOPO AVER INSERITO LE NECESSARIE TUBATURE PER IL CABLAGGIO DELL'IMPIANTO ELETTRICO SUCCESSIVAMENTE REALIZZABILE.

COLLEGARE IL FARETTO FACENDO ATTENZIONE CHE IL CAVO UTILIZZATO SIA **PERFETTAMENTE SERRATO NEL PRESSACAVO**, OVE PRESENTE, E **SERRARE CON FORZA IL FARETTO**.

PULIRE ACCURATAMENTE FARETTO E CASSAFORMA, COSPARGERE DI GRASSO L'ORING SUL FARETTO E LA CASSAFORMA, INSERIRE A FORZA IL FARETTO NELLA CASSAFORMA.

IN CASE OF INSTALLATIONS IN OUTDOORS, POOLS, OR SWIMMING POOLS, IS STRONGLY TO PREFER INTERNAL DRIVER WITH 12-15 Vca-cc, FEEDED BY **MECHANICAL** TRANSFORMER - **NOT ELECTRONIC OR BATTERY**.

IN THIS WAY IT IS POSSIBLE TO OBTAIN MAXIMUM SAFETY AND AN ELECTRICAL SYSTEM (12 V) UNCOUPLED FROM THE NET, MORE SAFE AND ECONOMIC, AND FINALLY SPOTS COULD BE FEEDED IN PARALLEL WAY.

IT IS POSSIBLE TO ELIMINATE NECESSITY TO PREVIEW SPECIAL HOUSING FOR DRIVERS AND RELATIVE CONNECTIONS WITH LED SPOTS, SIMPLYING INSTALLATION AND REDUCING TIME OF INSTALLATION AND ITS COSTS.

LENGHT AND SECTION OF ELETRICAL CABLES

1 OR MORE 1,2w LED, SERIAL CONNECTED, COULD BE FEEDED WITH CABLE WITH LENGHT UP TO 70 mt. WITH SECTION OF 1 mm² IT IS ALSO POSSIBLE TO CALCULATE SECTION OF CABLES IN CONVENTIONAL WAY, KEEPING IN CONSIDERATION NEEDED LENGHT AND CURRENT WHICH PASS THROUGH THEM.

LED SPOT INSTALLATION

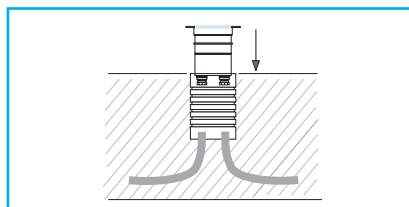
COULD BE DONE THROUGH WING, GEAR OR MOULDER. **MOULDER** IS REALISED IN PVC OR ALUMINIUM, TURNED AND GRIND-ED IN WAY TO OBTAIN **PERFECT SIDE WATER PROTECTION** WITH SPOT THROUGH THE ORING MOUNTED ON IT.

MOULDER INSTALLATION

GLUE, BUILD INTO THE WALL OR FIT IN THE CEMENT CAST THE MOULDER, AFTER HAVING PREVIEWED NECESSARY PIPING FOR ELECTRICAL SYSTEM CONNECTION TO REALISE IN A SECOND MOMENT.

CONNECT THE SPOT PAYING ATTENTION THAT THE USED CABLE IS **PERFECTLY PRESSED IN THE CABLE PRESS**, WHERE PREVIEWED, AND **SHUT STRONGLY THE SPOT**.

CLEAN ACCURATELY SPOT AND MOULDER, PUT GREASE ON THE ORING ON THE SPOT AND ON THE MOULDER, PUT STRONGLY THE SPOT INTO THE MOULDER.



N.B.: LA CASSAFORMA APERTA SOTTO, A DIFFERENZA DI CASSAFORME CHIUSE CON PRESSACAVO, CONSENTE IL CABLAGGIO ELETTRICO IN TEMPI SUCCESSIVI AL COLLOCAMENTO ED EVENTUALE MURATURA DELLA CASSAFORMA STESSA. LA TENUTA STAGNA, TRA FARETTO E CASSAFORMA, E' ASSICURATA DA ORING MONTATO SUL FARETTO, CHE VA AD ADERIRE CON FORTE PRESSIONE SULLA CASSAFORMA.

LA RIMOZIONE DEL FARETTO

PUO' AVVENIRE FACENDO ADEGUATA FORZA SULLA GHIERA CON 2 CACCIAVITI. **SE SI TEME L'ASPORTAZIONE (COMUNQUE NON FACILE)**, IN CASO DI FARETTI SENZA VITI, SI PUO' APPLICARE DEL SILICONE SOTTO LA GHIERA. PER LA RIMOZIONE OCCORRERA', PRIMA DI PROCEDERE COME SOPRA DESCRITTO, TAGLIARE IL SILICONE CON UN TRINCETTO.

TEMPERATURA MASSIMA DI ESERCIZIO

IL FARETTO DISSIPARE IL CALORE PRODOTTO DAL LED ATTRAVERSO LA SUA STRUTTURA. LA TEMPERATURA SU DI ESSO NON DEVE SUPERARE 80°C. IL FARETTO NON PUO' ESSERE COLLOCATO IN CONDIZIONI DI ECCESSIVA TEMPERATURA AMBIENTE O SCARSA AEREAZIONE CHE FACCIANO SUPERARE TALE LIMITE.

NOTE: MOULDER IS OPEN ON LOWER SIDE, AND DIFFERENTLY FROM CLOSED MOULDER WITH CABLE PRESS, IT ALLOWS TO DO THE ELECTRICAL CONNECTIONS AFTER THE HOUSING OR THE BUILDING INTO WALL OF THE MOULDER. THE WATER PROTECTION, BETWEEN SPOT AND MOULDER, IS ASSURED BY THE ORING MOUNTED ON THE SPOT WHICH STICK STRONGLY ON MOULDER.

SPOT REMOVAL

COULD BE DONE APPLYING STRENGHT ON THE RING NUT OF THE SPOT WITH 2 SCREWDRIVERS. **IF YOU ARE AFRAID OF THE CARRYING AWAY (NOT EASY)**, WHEN USING SPOTS WITHOUT SCREWS, YOU CAN APPLY UNDER THE RING NUT A LITTLE BIT OF SYLICON. FOR REMOVAL OF IT YOU WILL NEED TO CUT THE SYLICON WITH A CUTTER, AND AFTER PROCCEED AS DESCRIBED ABOVE.

MAXIMUM RUNNING TEMPERATURE

THE SPOT DISSIPATE THE HEAT PRODUCED BY THE LED THROUGH ITS STRUCTURE. THE TEMPERATURE ON IT CANNOT BE OVER 80°C. THE SPOT CANNOT BE INSTALLED IN SITUATION WITH EXCESSIVE TEMPERATURE OR LOW VENTILATION WHICH CAUSE AN INCREASE OF THE TEMPERATURE OVERPASSING THE ABOVE MENTIONED LIMIT.

COME COMPILARE IL CODICE DEL PRODOTTO RICHIESTO

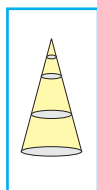
LA TABELLA DI SEGUITO RIPORTATA CONSENTE L'IDENTIFICAZIONE DEL CODICE PRODOTTO E LA SCELTA DI:

HOW TO EDIT THE PRODUCT'S CODE

THE FOLLOWING TABLE ALLOWS THE IDENTIFICATION OF PRODUCT'S CODE AND THE CHOICE OF:

CODICE	OPZIONI - OPTIONS		VERSIONI DISPONIBILI - DISPOSABLE VERSIONS				OPZIONALI			
	APERTURA FOCALE - OPENING FOCUS	VERTRO - GLASS	IP	IP 68	IP 68-D	IP 68-D-12	IP 68-D-12 + B	OPZIONE A	OPZIONE B	OPZIONE C
L115	30°	CH SA	1	107,00	121,00	125,00	185,00	12,00		
L117	30°	CH SA	1	127,00	140,00	145,00		12,00		
L118	30°	CH SA	1	107,00	111,00	113,00	115,00	12,00		
L119	30°	CH SA	1	118,00	122,00	134,00	140,00	12,00		
L120	30°	CH SA	1	140,00	147,00	150,00	201,00	12,00		
L121	30°	CH SA	1	121,00	146,00	148,00	155,00	12,00		
L122	30°	CH SA	1	142,00	176,00	188,00	228,00	12,00		

EXAMPLE: L115 - 30° - CH - 4 - IP 68-D-12 + B



TUTTE LE MISURE IN LUX SONO RILEVATE CON LED BIANCO 5.500°K.
ALL LUX MEASURES ARE RELIEVED WITH LED WHITE 5.500°K.



Led & Led FORNISCE I FARETTI CON DRIVER INTERNO A 220-240 Vca E CON DRIVER 12-15 Vca-cc, INGLOBATI IN RESINA E CAVO TIPO RNF DI 1,5 mt. LUNGHEZZE DIVERSE SONO FORNIBILI SU RICHIESTA.

NB: NEI DISPOSITIVI IL DRIVER NON E' MAI INCLUSO, SALVO DIVERSA INDICAZIONE.

Led & Led SUPPLIES SPOTS WITH INTERNAL DRIVER 220-240 Vca AND WITH DRIVER 12-15 Vca-cc, FITTED IN RESIN AND CABLE TYPE RNF WITH LENGTH 1,5 mt. DIFFERENT LENGTH ON REQUEST.

NB: IN THE SPOTS DRIVER IS NOT INCLUDED WHERE NOT SPECIFIED.

LEGENDA - LEGEND SYMBOLS



CONFORME ALLE DIRETTIVE CEE
CONFORMITY WITH CEE DIRECTIVES



ALIMENTATI CON TENSIONE INFERIORE A 50 V
FEEDED WITH TENSION LOWER THAN 50 V



COLLOCABILE SU SUPERFICI INFIAMMABILI
FITTABLE ON INFLAMMABLE SURFACES



APPARECCHI DA ESTERNO
SPOTS FOR OUTDOOR



APPARECCHI DA INTERNO
SPOTS FOR INDOOR



CARRABILE, PESO MASSIMO SOPPORTABILE
DRIVE-ON, MAXIMUM WEIGHT SUPPORTABLE



TEMPERATURA INTERVENTO PROTEZIONE TERMICA
THERMIX PROTECTION STARTING TEMPERATURE



CLASSE II
DOPPIO ISOLAMENTO
CLASS II INSULATION



EQUIVALENTE ALLA BASSISSIMA TENSIONE
EQUIVALENT TO EXTRA LOW VOLTAGE



BASSISSIMA TENSIONE
EXTRA LOW VOLTAGE



DIMENSIONI FORO PER L'INCASO
FITTING'S HOLE DIMENSION

IP INDICE DI PROTEZIONE - PROTECTIVE DEGREE

IDENTIFICA IL GRADO DI PROTEZIONE OFFERTO ALLA PENETRAZIONE DI SOLIDI E LIQUIDI
IDENTIFY THE PROTECTIVE DEGREE TO INPUT OF SOLID ITEMS AND WATER

PRIMO NUMERO: CORPI SOLIDI.
PROTETTO CONTRO L'INGRESSO DI
FIRST NUMBER: SOLID ITEMS
PROTECTED FROM INPUT OF

SECONDO NUMERO: LIQUIDI.
PROTETTO CONTRO
SECOND NUMBER: WATER
PROTECTED FROM

IP 1..



...CORPI SOLIDI DI DIAM. SUPERIORE A 50 mm.
...SOLID ITEMS WITH DIAM. OVER 50 mm

IP 2..



...CORPI SOLIDI DI DIAM. SUPERIORE A 12 mm.
...SOLID ITEMS WITH DIAM. OVER 12 mm

IP 3..



...CORPI SOLIDI DI DIAM. SUPERIORE A 2,5 mm.
...SOLID ITEMS WITH DIAM. OVER 2,5 mm

IP 4..



...CORPI SOLIDI DI DIAM. SUPERIORE A 1 mm.
...SOLID ITEMS WITH DIAM. OVER 1 mm

IP 5..



...POLVERI
...POWDER

IP 6..



TOTALMENTE PROTETTO CONTRO LE POLVERI
TOTALLY PROTECTED AGAINST POWDER

IP ..0



...NON PROTETTO DALL'ACQUA
...NOT PROTECTED FROM WATER

IP ..1



...LA CADUTA VERTICALE DI GOCCE D'ACQUA
...WATER DROP VERTICAL FALL

IP ..2



...LA CADUTA DI GOCCE D'ACQUA FINO A 15° DALLA VERTICALE
...WATER DROP FALL UP TO 15° FROM VERTICAL

IP ..3



...LA CADUTA DI GOCCE D'ACQUA FINO A 60° DALLA VERTICALE
...WATER DROP FALL UP TO 60° FROM VERTICAL

IP ..4



...SPRUZZI D'ACQUA DA TUTTE LE DIREZIONI
...SPRINKLING OF WATER FROM ALL DIRECTIONS

IP ..5



...GETTI D'ACQUA
...JET OF WATER

IP ..6



...GETTI D'ACQUA SIMILI A ONDE
...JET OF WATER SIMILAR TO WAVES

IP ..7



...L'IMMERSIONE FINO A 1 mt.
...IMMERSION UP TO 1 mt

IP ..8



...L'IMMERSIONE FINO A 5 mt.
...IMMERSION UP TO 5 mt



Led & Led GARANTISCE GLI INDICI DI PROTEZIONE DICHIARATI A CONDIZIONE CHE:

- I CAVI SIANO CORRETTAMENTE INSERITI E SERRATI NEI PRESSACAVI
- IL FARETTO, DOPO QUESTA OPERAZIONE, VENGA SERRATO CON FORZA (FIG. 1), ACCURATAMENTE PULITO E COSPARSO DI GRASSO INSIEME ALLA CASSAFORMA
- L'INSTALLAZIONE SIA CONFORME ALLE MODALITA' PREVISTE NELLA RELATIVA SCHEDA TECNICA.

Led & Led GUARANTEE THE DECLARED PROTECTIVE INDEX IF THE ABOVE CONDITIONS WILL BE RESPECTED:

- CABLES FITTED AND PRESSED IN CABLE PRESS CORRECTLY
- THE SPOT, AFTER THAT, MUST BE CLOSED WITH STRENGTH (FIG. 1), ACCURATELY CLEANED AND COVERED WITH GREASE TOGETHER WITH MOULDER
- INSTALLATION MUST BE DONE IN CONFORMITY WITH FORMS PREVIEWED IN ITS TECHNICAL SCHEDULE.



MINISPOT DA INCASSO

APERTURE FOCALI 6° - 15° - 30° - 45° - 60°
 MONTAGGIO CON GHIERA O A PRESSIONE

RECESSED MINISPOT

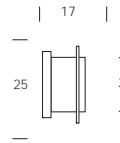
OPENING FOCUS 6° - 15° - 30° - 45° - 60°
 FIXING TROUGH GEAR OR WITH PRESSION

LED DISP. 1 2 3 4 5 6



L041

1 LED X 1,2W - 15° - 30° - DRIVER 350 mA
 METALLO, FINITURA ARGENTO
 METAL, SILVER FINISHING
 € 55,00



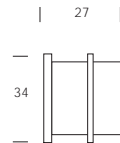
CE IP 53 22 mm

1x1,2W		1x1,2W		
m	15°	30°	30°	
	Ø cm	Lux	Ø cm	Lux
0,5	13	1240	27	960
1	26	310	53	240
2	52	75	107	60
3	79	35	160	25



L043

1 LED X 3W - 6° - 30° - 45° - DRIVER 700 mA
 METALLO, FINITURA ARGENTO
 METAL, SILVER FINISHING
 € 102,00



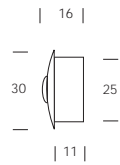
CE IP 53 29 mm

1x3W		1x3W		1x3W		
m	6°	30°	45°	30°	45°	
	Ø cm	Lux	Ø cm	Lux	Ø cm	Lux
0,5	5	5100	27	1430	27	470
1	10	1275	53	360	53	120
2	20	320	107	90	107	30
3	30	140	160	40	160	10



L090

1 LED X 1,2W - 45° - DRIVER 350 mA
 TERMOPLASTICO
 FINITURA: TRASPARENTE (IN), CROMO (CH),
 BIANCO (WH)
 THERMOPLASTIC
 FINISHING: TRANSPAREN (IN), CHROME (CH),
 WHITE (WH)
 € 43,00



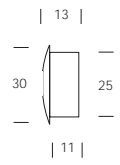
CE IP 53 25 mm

1x1,2W		
m	45°	
	Ø cm	Lux
0,5	40	190
1	85	50
2	170	10
3	250	5



L091

1 LED X 1,2W - 60° - 110° - DRIVER 350 mA
 TERMOPLASTICO
 FINITURA: TRASPARENTE (IN), CROMO (CH),
 BIANCO (WH)
 THERMOPLASTIC
 FINISHING: TRANSPAREN (IN), CHROME (CH),
 WHITE (WH)
 € 48,00



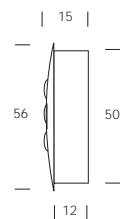
CE IP 53 25 mm

1x1,2W		1x1,2W		
m	60°	110°	110°	
	Ø cm	Lux	Ø cm	Lux
0,5	58	120	140	72
1	115	30	280	18
2	230	5	570	4
3	350	3	860	2



L092

3 LED X 1,2W - 45° - DRIVER 350 mA
 TERMOPLASTICO
 FINITURA: BIANCO (WH)
 THERMOPLASTIC
 FINISHING: WHITE (WH)
 € 141,00
 RGB DISPONIBILE - DISPOSABLE



CE IP 53 50 mm

3x1,2W		
m	45°	
	Ø cm	Lux
0,5	40	400
1	85	100
2	170	25
3	250	10



MINISPOT INCASSO

STRUTTURA IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO

SENZA VETRO O CON VETRO CHIARO (CH) O SABBBIATO (SA)

APERTURE FOCALI: 60° - 110°

MONTAGGIO CON DADO, MOLLA O GHIERA, A SOFFITTO O PARETE

RECESSED MINISPOT

STRUCTURE IN ANODISED ALUMINIUM, SILVER GREY

WITHOUT GLASS OR WITH TRANSP. (CH) OR SAND-BLAST. GLASS (SA)

OPENING FOCUS: 60° - 110°

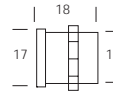
FIXING TROUGH GEAR, WINGS OR GEAR FOR CEILING OR WALL

LED DISP. 1 2 3 4 5 6

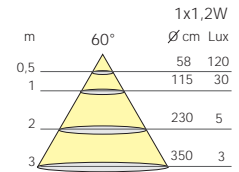


L040

1 LED X 1,2W - 60° - DRIVER 350 mA
C/VETRO - W/GLASS IP 53 € 55,00

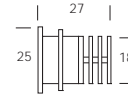


CE IP 53 17 mm

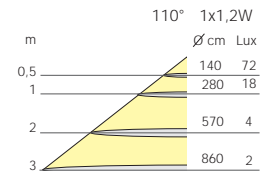


L020

1 LED X 1,2W - 110° - DRIVER 350 mA
S/VETRO - WO/GLASS IP 50 € 49,00
C/VETRO - W/GLASS IP 53 € 61,00

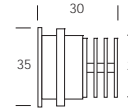


CE IP 50 - IP 53 19 mm

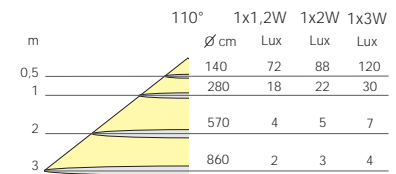


OPTIC 110°

L022 - 1 LED X 1,2W - DRIVER 350 mA
S/VETRO - WO/GLASS IP 50 € 59,00
C/VETRO - W/GLASS IP 53 € 65,00

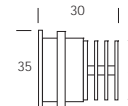


CE IP 50 - IP 53 29 mm

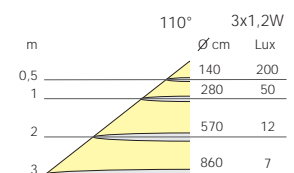


OPTIC 110°

L026 - 3 LED X 1,2W - DRIVER 350 mA
S/VETRO - WO/GLASS IP 50 € 107,00
C/VETRO - W/GLASS IP 53 € 112,00
● ● ● RGB DISPONIBILE - DISPOSABLE



CE IP 50 - IP 53 29 mm





MINISPOT INCASSO

STRUTTURA IN ALLUMINIO, GHIERA IN OTTONE TORNITO

SENZA VETRO O CON VETRO CHIARO (CH) O SABBIAATO (SA)

APERTURE FOCALI: 6° - 30° - 45° - 70° - 110°

MONTAGGIO CON GHIERA, MOLLA O GHIERA, A SOFFITTO O PARETE

FINITURE:

C CROMO

D ORO

FINITURE DIVERSE A RICHIESTA

RECESSED MINISPOT

STRUCTURE IN ALUMINIUM, RING NUT IN TURNED BRASS

WITHOUT GLASS OR WITH TRANSP. (CH) OR SAND-BLAST GLASS (SA)

OPENING FOCUS: 6° - 30° - 45° - 60° - 110°

FIXING TROUGH GEAR, WINGS OR GEAR FOR CEILING OR WALL

FINISHING:

C CHROME

D GOLD

DIFFERENT FINISHING ON REQUEST

LED DISP 1 2 3 4 5 6



L058 - 1 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP

6° - 30° - 45°

S/VETRO - WO/GLASS IP 50 € 89,00

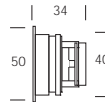
C/VETRO - W/GLASS IP 53 € 94,00

L059 - 3 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP 30°

S/VETRO - WO/GLASS IP 50 € 117,00

C/VETRO - W/GLASS IP 53 € 122,00



CE IP 50 - IP 53 41 mm

m	1x1W 6°		1x1W 30°		1x1,2W 45°	
	∅ cm	Lux	∅ cm	Lux	∅ cm	Lux
0,5	5	3520	27	990	40	325
1	10	880	53	250	85	80
2	20	220	107	60	170	20
3	30	100	160	25	250	10

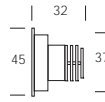


L054 - 3 LED X 1,2W - 110° - DRIVER 350 mA

S/VETRO - WO/GLASS IP 50 € 119,00

C/VETRO-70° - W/GLASS-70° IP 53 € 124,00

RGB DISPONIBILE - DISPOSABLE



CE IP 50 - IP 53 38 mm

m	70° 3x1,2W		110° 3x1,2W	
	∅ cm	Lux	∅ cm	Lux
0,5	70	280	140	200
1	140	70	280	50
2	280	17	570	12
3	420	9	860	7



L050 - 1 LED X 1,2W - 110° - DRIVER 350 mA

S/VETRO - WO/GLASS IP 50 € 72,00

C/VETRO-70° - W/GLASS-70° IP 53 € 77,00

L051 - 1 LED X 2W - 110° - DRIVER 500 mA

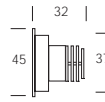
S/VETRO - WO/GLASS IP 50 € 78,00

C/VETRO-70° - W/GLASS-70° IP 53 € 98,00

L052 - 1 LED X 3W - 110° - DRIVER 700 mA

S/VETRO - WO/GLASS IP 50 € 84,00

C/VETRO-70° - W/GLASS-70° IP 53 € 89,00



CE IP 50 - IP 53 38 mm

m	70°	110° 1x1,2W		1x2W	1x3W
		∅ cm	Lux	Lux	Lux
0,5	70	140	72	88	120
1	140	280	18	22	30
2	280	570	4	5	7
3	420	860	2	3	4

m	70°	1x1,2W		1x2W	1x3W
		∅ cm	Lux	Lux	Lux
0,5	70	140	108	132	180
1	140	27	33	45	
2	280	7	8	11	
3	420	3	4	6	



ORIENTABILE

STRUTTURA ALLUMINIO ANODIZZATO GRIGIO ARGENTO E OTTONE TORNITO

APERTURA FOCAL 110°
GRUPPO OTTICO L081 CON APERTURE FOCALI 6° - 30° - 45° APPLICABILE

MONTAGGIO CON MOLLA, GHIERA O MOLLA, VITI

ORIENTABILE

STRUCTURE IN TURNED ALUMINIUM SILVER GREY AND BRASS

OPENING FOCUS 110°
OPTICAL GROUP L081 WITH OPENING FOCUS 6° - 30° - 45° FITTABLE

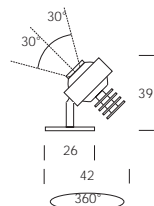
FIXING THROUGH WINGS, GEAR OR WINGS, SCREWS

LED DISP. 1 2 3 4 5 6



L085

1 LED X 1,2W - DRIVER 350 mA
 GRIGIO ARGENTO- SILVER GREY
 € 63,00

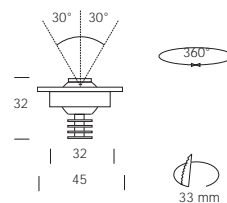


m	110°	1x1,2W	Ø cm	Lux
0,5			140	72
1			280	18
2			570	4
3			860	2



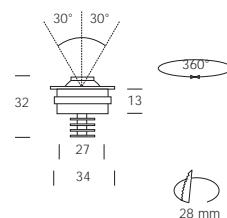
L082 - 1 LED X 1,2W - DRIVER 350 mA

FINITURE - FINISHING:
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO),
 NERO-BLACK (BL), BIANCO-WHITE (WH)
 € 64,00



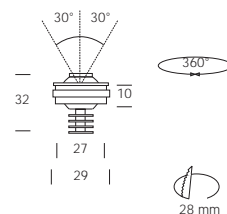
L080 - 1 LED X 1,2W - DRIVER 350 mA

GRIGIO ARGENTO (S), NERO (BL)
 SILVER GREY (S), BLACK (BL)
 € 57,00



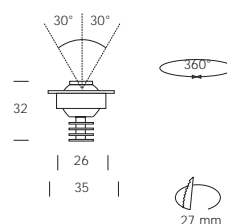
L084 - 1 LED X 1,2W - DRIVER 350 mA

FINITURE - FINISHING:
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO)
 € 59,00



L086 - 1 LED X 1,2W - DRIVER 350 mA

FINITURE - FINISHING:
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO)
 € 58,00



L081 - € 19,00

ALLUMINIO ANODIZZATO GRIGIO ARGENTO - NERO
 ANODISED ALUMINIUM SILVER GREY - BLACK
 6° - 30° - 45°





ORIENTABILE

STRUTTURA ALLUMINIO ANODIZZATO GRIGIO ARGENTO E OTTONE TORNITO

APERTURE FOCALI 6° - 30° - 45°
GRUPPO OTTICO L081 CON APERTURE FOCALI 6° - 30° - 45° SOSTITUIBILE

MONTAGGIO CON MOLLA, GHIERA O MOLLA, VITI

ORIENTABLE

STRUCTURE IN TURNED ALUMINIUM SILVER GREY AND BRASS

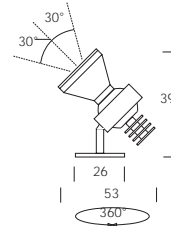
OPENING FOCUS 6° - 30° - 45°
OPTICAL GROUP L081 WITH OPENING FOCUS 6° - 30° - 45° REPLACEABLE

FIXING THROUGH WINGS, GEAR OR WINGS, SCREWS

LED DISP. 1 2 3 4 5 6



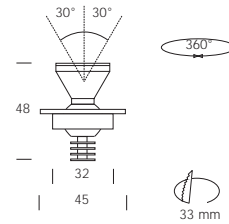
L079 - 1 LED X 1,2W - DRIVER 350 mA
 GRIGIO ARGENTO - SILVER GREY
 € 80,50



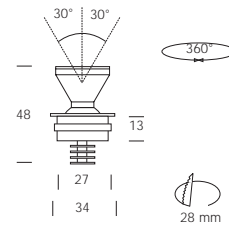
m	1x1,2W 6°		1x1,2W 30°		1x1,2W 45°	
	∅ cm	Lux	∅ cm	Lux	∅ cm	Lux
0,5	5	3520	27	990	40	325
1	10	880	53	250	85	80
2	20	220	107	60	170	20
3	30	100	160	25	250	10



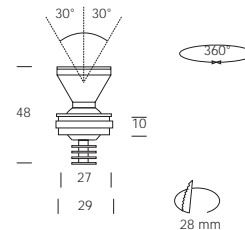
L083 - 1 LED X 1,2W - DRIVER 350 mA
 FINITURE - FINISHING:
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO),
 NERO-BLACK (BL), BIANCO - WHITE (WH)
 € 81,50



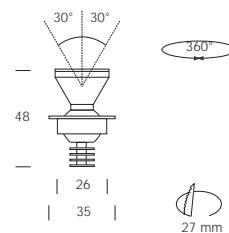
L089 - 1 LED X 1,2W - DRIVER 350 mA
 GRIGIO ARGENTO (S), NERO (BL)
 SILVER GREY (S), BLACK (BL)
 € 74,50



L088 - 1 LED X 1,2W - DRIVER 350 mA
 FINITURE - FINISHING:
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO)
 € 76,50



L087 - 1 LED X 1,2W - DRIVER 350 mA
 ORO-GOLD (GO), CROMO-CHROME (CH),
 NICHEL BRONZO - BRONZE NICKEL (NB),
 NICHEL OPACO - OPAQUE NICKEL (NO)
 € 75,50





ORIENTABILE

STRUTTURA ALLUMINIO BIANCO (WH) / GRIGIO ARG. (S)

NERO (BL) O BIANCO (WH)

MONTAGGIO CON STAFFA O STELO REGOLABILE

MODULO LED SOSTITUIBILE

ORIENTABILE

STRUCTURE ALUMINIUM WHITE (WH) / SILVER GREY (S)

BLACK (BL) OR WHITE (WH)

MOUNTING WITH STIRRUP OR ADJUSTABLE STAND

REPLACEABLE LED MODULE

LED DISP. 1 2 3 4 5 6

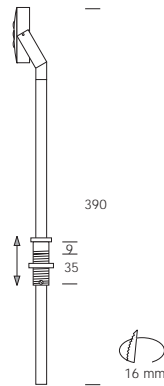


L171

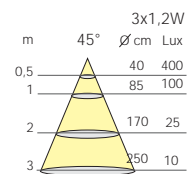
3 LED X 1,2W - 45° - DRIVER 350 mA

€ 217,00

● ● ● RGB DISPONIBILE - DISPOSABLE



CE IP 50

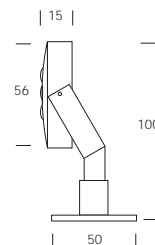


L170

3 LED X 1,2W - 45° - DRIVER 350 mA

€ 203,00

● ● ● RGB DISPONIBILE - DISPOSABLE

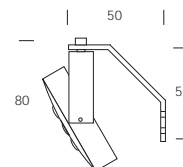


L172

3 LED X 1,2W - 45° - DRIVER 350 mA

€ 195,00

● ● ● RGB DISPONIBILE - DISPOSABLE





**FARETTO ORIENTABILE E
MODULO LED SOSTITUIBILE A
LAMPADA DICROICA**

**ORIENTABLE SPOT AND LED
MODULE TYPE DICHOIC LAMP**

APERTURE FOCALI 6° - 20° - 30° - 45° - 50°

OPENING FOCUS 6° - 20° - 30° - 45° - 50°

INSERIBILE NEI FARETTI PER LAMP. DICROICA

FITTABLE IN SPOT FOR DICHOIC LAMP

VERSIONI SENZA DRIVER, CON
DRIVER 12 Vca

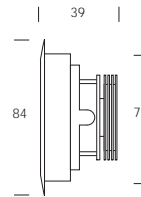
VERSIONS WITHOUT DRIVER, WITH
DRIVER 12 Vca



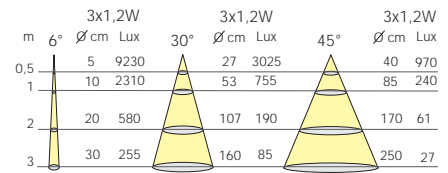
L093

FARETTO ORIENTABILE, FINITURA CROMO E ARGENTO, CON GRUPPO OTTICO L042
ORIENTABLE SPOT, FINISHING CHROME AND SILVER, WITH OPTICAL GROUP L042
3 LED X 1,2W - DRIVER NOT INCL. 350 mA
GRUPPO OTTICO - *OPTICAL GROUP*
6° - 30° - 45°

€ 139,00



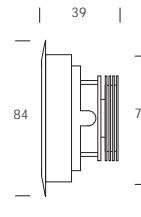
LED DISP. 1 2 3 4 5 6



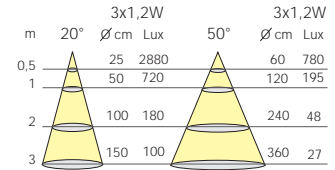
L094

FARETTO ORIENTABILE, FINITURA CROMO E ARGENTO, CON GRUPPO OTTICO L045
ORIENTABLE SPOT, FINISHING CHROME AND SILVER, WITH OPTICAL GROUP L045
3 LED X 1,2W - DRIVER INCL. 12 Vca
GRUPPO OTTICO - *OPTICAL GROUP*
20° - 50°

€ 163,00



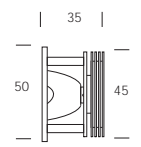
LED DISP. 1 2 3 4 5 6



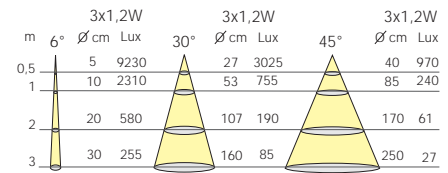
L042

DIAM. 50 mm
3 LED X 1,2W - DRIVER 350 mA
DRIVER SUGG. L200 (12 V IN) OR STANDARD
GRUPPO OTTICO - *OPTICAL GROUP*
6° - 30° - 45°

€ 115,00



LED DISP. 1 2 3 4 5 6



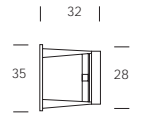
DIAM. 35 mm

L044 - **1 LED X 1,2W** - DRIVER 350 mA
DRIVER SUGG. L200 (12 v IN) OR STANDARD
GRUPPO OTTICO - *OPTICAL GROUP*
6° - 30° - 45°

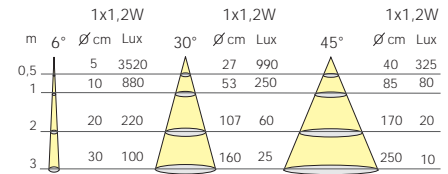
€ 58,00

L046 - **3 LED X 1W** - DRIVER 350 mA
GRUPPO OTTICO - *OPTICAL GROUP* 30°

€ 81,00



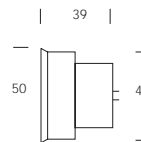
LED DISP. 1 2 3 4 5 6



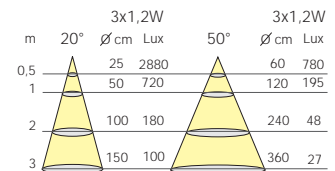
L045

DIAM. 50 mm
3 LED X 1,2W - DRIVER INCL. 12 Vca
GRUPPO OTTICO - *OPTICAL GROUP*
20° - 50°

€ 139,00



LED DISP. 1 2 3 4 5 6





**DA BINARIO (MORSETTO ESCL.),
PARETE O SOFFITTO**

VERSIONI: IP50 - IP50-D CON
DRIVER 12-15 Vca-cc O 220-240 Vca

STRUTTURA INTEGRALMENTE IN ALLUMINIO
VERNICIATO GRIGIO ARGENTO.

APERTURE FOCALI: 6° - 30° - 45° - 110°

ADATTABILE A TUTTI I MORSETTI PER BINARIO
ELETTRIFICATO

MODULO LED SOSTITUIBILE

MORSETTO PER BINARIO A RICHIESTA

**FOR BINARY (CLASPING NOT INCL.)
WALL OR CEILING**

VERSIONS: IP50 - IP50-D WITH
DRIVER 12-15 Vca-cc OR 220-240 Vca

STRUCTURE REALISED IN SILVER GREY PAINTED
ALUMINIUM

OPENING FOCUS: 6° - 30° - 45° - 110°

SUITABLE FOR ALL KIND OF CLASPS FOR
BINARY

REPLACEABLE LED MODULE

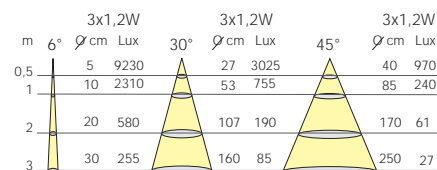
BINARY CLASPING ON REQUEST



L340

3 LED X 1,2W
DRIVER 350 mA
GRUPPO OTTICO - OPTICAL GROUP
6° - 30° - 45°

RGB DISPONIBILE - DISPOSABLE

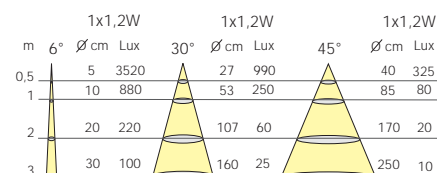


L341 - 1 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP
6° - 30° - 45°

L347 - 3 LED X 1W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP 30°



EXAMPLE: VERS. L341 + L349

OPTIC 110°

L342 - 1 LED X 1,2W - DRIVER 350 mA

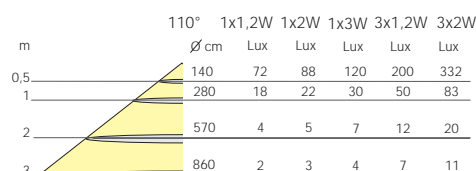
L343 - 1 LED X 2W - DRIVER 500 mA

L344 - 1 LED X 3W - DRIVER 700 mA

L345 - 3 LED X 1,2W - DRIVER 350 mA

L346 - 3 LED X 2W - DRIVER 500 mA

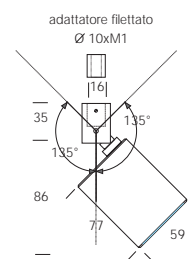
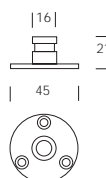
RGB DISP.



L349

SUPPORTO DI FISSAGGIO A PARETE O SOFFITTO
FIXING SUPPORT FOR WALL OR CEILING

€ 12,00



IP50-D 220-240 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	APERTURA FOCALE OPENING FOCUS		OPZIONI - OPTIONS		VERSIONI DISPONIBILI - DISPOSABLE VERSIONS		VERSIONI DISPONIBILI - DISPOSABLE VERSIONS			
	6°	30°	45°	-	VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 50	IP 50D-12	IP 50D-230
L340	6°	30°	45°	-	CH SA	1 2 3 4 5 6	RGB	€ -	-	218,00 259,00 262,00
L341	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ -	-	149,00 191,00 193,00
L347	-	30°	-	-	CH SA	1 2 3 4 5 6	RGB	€ -	-	158,00 - -
L342	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ -	-	129,00 169,00 173,00
L343	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ -	-	134,00 176,00 178,00
L344	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ -	-	139,00 181,00 184,00
L345	-	-	-	110°	CH SA	1 2 3 4 5 6	RGB	€ -	-	158,00 199,00 202,00
L346	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ -	-	183,00 245,00 247,00

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE



MINISPOT DA ESTERNO

STRUTTURA IN METALLO
 APERTURA FOCALE 90°
 MONTAGGIO CON GHIERA

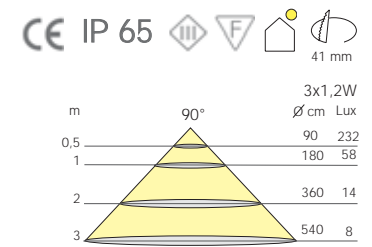
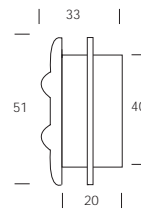
MINISPOT FOR OUTDOOR

STRUCTURE METAL
 OPENING FOCUS 90°
 FIXING TROUGH GEAR

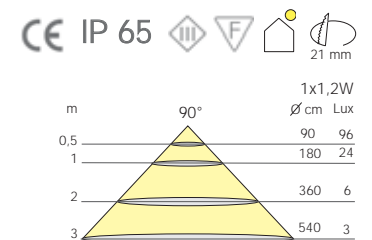
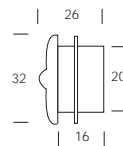
LED DISP. 1 2 3 4 5 6



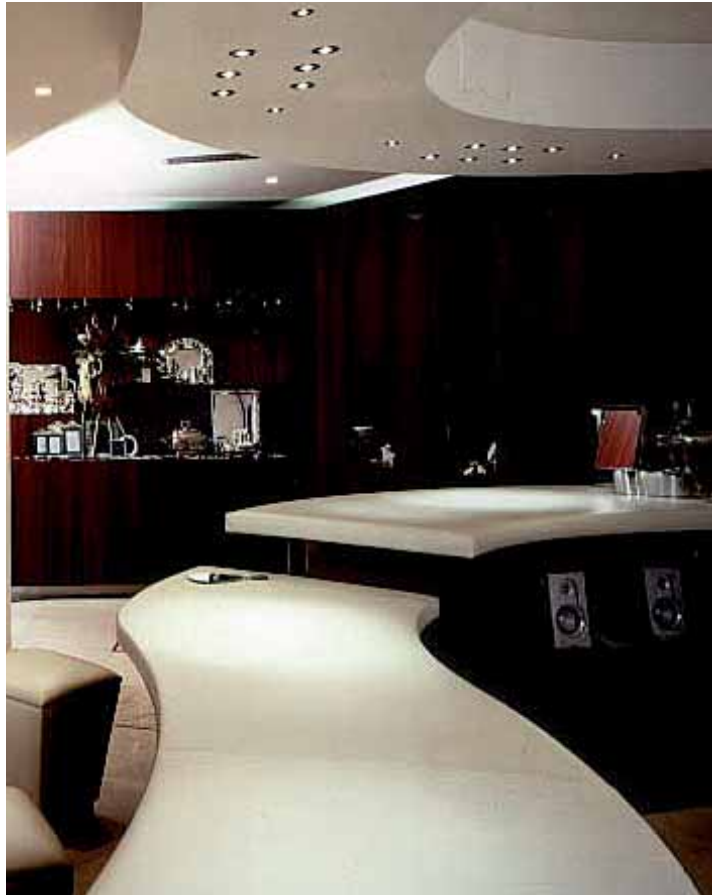
OPTIC 90°
L096
 3 LED X 1,2W - DRIVER 350 mA
 € 160,00
 ●●● DISPONIBILE - DISPOSABLE



OPTIC 90°
L095
 1 LED X 1,2W - DRIVER 350 mA
 € 62,00







CODE L058 - 1 LED x 1,2w - 30° - 5.500°k

CODE L058 - 1 LED x 1,2w - 45° - 5.500°k





DA ESTERNO, CALPESTABILE

FOR OUTDOOR, TRAMPLEABLE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA

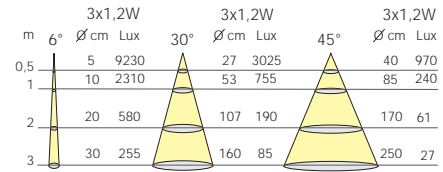
VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS, WITH MOULDER SIDE WATER-PROOF

GHIERE OPTIONAL:
A ACCIAIO INOX AISI 304
B ACCIAIO INOX AISI 316 (USO NAUTICO)
C OTTONE FIN. CROMO
D OTTONE FIN. ORO
 FINITURE DIVERSE A RICHIESTA
 MODULO LED SOSTITUIBILE

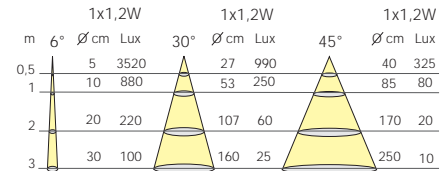
OPTIONAL RING NUTS:
A INOX STEEL AISI 304
B INOX STEEL AISI 316 (NAUTIC USE)
C BRASS FIN. CHROME
D BRASS FIN. GOLD
 DIFFERENT FINISHING ON REQUEST
 REPLACEABLE LED MODULE



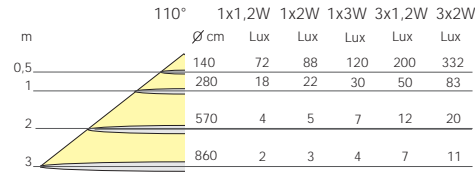
L128
3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°
 RGB DISPONIBILE - DISPOSABLE
 EXAMPLE: VERS. IP 65



L126 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

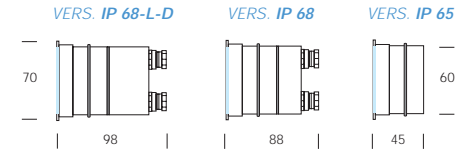


OPTIC 110°
L120 - 1 LED X 1,2W - DRIVER 350 mA
L132 - 1 LED X 2W - DRIVER 500 mA
L121 - 1 LED X 3W - DRIVER 700 mA
L122 - 3 LED X 1,2W - DRIVER 350 mA
L123 - 3 LED X 2W - DRIVER 500 mA
 RGB DISP.
 EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI
L134-60
 € 11,00

RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS
L134-110
 € 13,00



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	APERTURA FOCALE - OPENING FOCUS				VETRO GLASS		COLORI LED DISP. DISP. LED COLOURS			RGB	VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS						
	6°	30°	45°	-	CH	SA	1	2	3		4	5	6	IP 65	IP 68	IP 68-L	IP 68D-12	IP 68D-230	GHIERA - RING NUT			
																			A	B	C	D
L128	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€ 207,00	227,00	233,00	281,00	284,00		12,00	25,00	9,00	9,00
L126	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€ 124,00	144,00	149,00	198,00	201,00		12,00	25,00	9,00	9,00
L119	-	30°	-	-	CH	SA							€ 145,00	165,00	171,00	-	-		12,00	25,00	9,00	9,00
L120	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 112,00	132,00	138,00	186,00	189,00	+	12,00	25,00	9,00	9,00
L132	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 115,00	135,00	141,00	189,00	-		12,00	25,00	9,00	9,00
L121	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 136,00	156,00	161,00	209,00	-		12,00	25,00	9,00	9,00
L122	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 145,00	165,00	171,00	219,00	222,00		12,00	25,00	9,00	9,00
L123	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 171,00	191,00	196,00	245,00	-		12,00	25,00	9,00	9,00

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

- NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



DA ESTERNO, CALPESTABILE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBBIATO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA

GHIERE OPTIONAL:
A ACCIAIO INOX AISI 304
B ACCIAIO INOX AISI 316 (USO NAUTICO)
C OTTONE FIN. CROMO
D OTTONE FIN. ORO
FINITURE DIVERSE A RICHIESTA
MODULO LED SOSTITUIBILE

FOR OUTDOOR, TRAMPLEABLE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS, WITH MOULDER SIDE WATER-PROOF

OPTIONAL RING NUTS:
A INOX STEEL AISI 304
B INOX STEEL AISI 316 (NAUTIC USE)
C BRASS FIN. CHROME
D BRASS FIN. GOLD
DIFFERENT FINISHING ON REQUEST
REPLACEABLE LED MODULE



L127 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L118 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 65



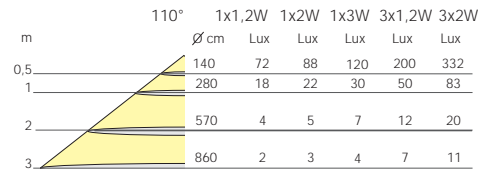
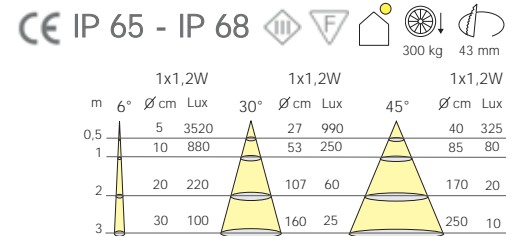
OPTIC 110°
L124 - 1 LED X 1,2W - DRIVER 350 mA
L129 - 1 LED X 2W - DRIVER 500 mA
L125 - 1 LED X 3W - DRIVER 700 mA
L138 - 3 LED X 1,2W - DRIVER 350 mA
L139 - 3 LED X 2W - DRIVER 500 mA

EXAMPLE: VERS. IP 68

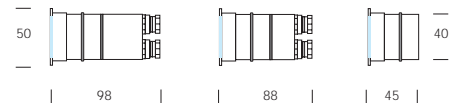


CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



VERS. IP 68-L-D VERS. IP 68 VERS. IP 65



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni
 to fit driver L201 or to have bigger space for connections

CODE	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS											
	APERTURA FOCALE OPENING FOCUS		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 68-L	NO FOR RGB VERSION IP 68-D-12 IP 68-D-230		GHIERA - RING NUT										
										A	B	C	D								
L127	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	€ 93,00	107,00	109,00	151,00	-	8,00	15,00	5,00	5,00
L118	-	30°	-	-	CH SA								€ 117,00	131,00	134,00	-	-	8,00	15,00	5,00	5,00
L124	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ 83,00	97,00	99,00	141,00	-	8,00	15,00	5,00	5,00
L129	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ 104,00	118,00	119,00	162,00	-	8,00	15,00	5,00	5,00
L125	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ 129,00	143,00	145,00	187,00	-	8,00	15,00	5,00	5,00
L138	-	-	-	110°	CH SA	1	2	3	4	5	6		€ 117,00	131,00	134,00	175,00	-	8,00	15,00	5,00	5,00
L139	-	-	-	110°	CH SA	1	2	3	4	5	6		€ 148,00	162,00	164,00	206,00	-	8,00	15,00	5,00	5,00

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COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



70x70 mm

DA ESTERNO, CALPESTABILE

FOR OUTDOOR, TRAMPLEABLE

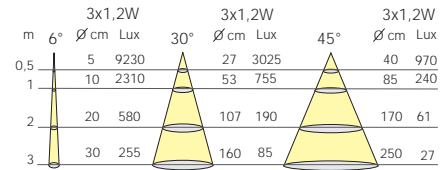
VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA
MODULO LED SOSTITUIBILE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVISED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS WITH MOULDER SIDE WATER-PROOF
REPLACEABLE LED MODULE



L150

3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°
 RGB DISPONIBILE - DISPOSABLE
 EXAMPLE: VERS. IP 65

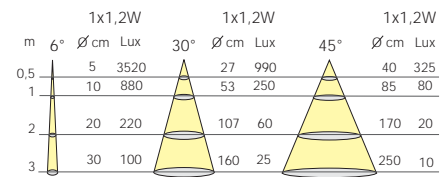


L148 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°



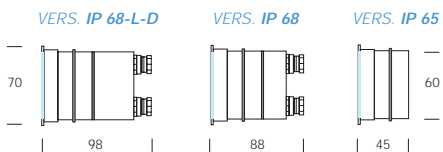
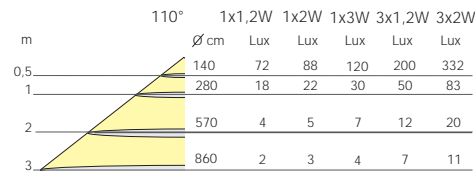
L147 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 68



OPTIC 110°
L140 - 1 LED X 1,2W - DRIVER 350 mA
L146 - 1 LED X 2W - DRIVER 500 mA
L141 - 1 LED X 3W - DRIVER 700 mA
L142 - 3 LED X 1,2W - DRIVER 350 mA
L143 - 3 LED X 2W - DRIVER 500 mA

EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



L134-60
 € 11,00



L134-110
 € 13,00



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of lenght 1,5 mt.

CODE	APERTURA FOCALE OPENING FOCUS				OPZIONI - OPTIONS			VERSIONI DISPONIBILI - DISPOSABLE VERSIONS				
	6°	30°	45°	-	VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230
L150	6°	30°	45°	-	CH SA	1 2 3 4 5 6	●●●	€ 219,00	239,00	245,00	294,00	296,00
L148	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ 136,00	156,00	162,00	211,00	213,00
L147	-	30°	-	-	CH SA		●●●	€ 158,00	178,00	183,00	-	-
L140	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 125,00	145,00	149,00	199,00	201,00
L146	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 127,00	148,00	153,00	202,00	-
L141	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 148,00	168,00	174,00	223,00	-
L142	-	-	-	110°	CH SA	1 2 3 4 5 6	●●●	€ 158,00	178,00	183,00	232,00	234,00
L143	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 183,00	203,00	209,00	257,00	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE



DA ESTERNO, CALPESTABILE

FOR OUTDOOR, TRAMPLEABLE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAIO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA
MODULO LED SOSTITUIBILE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS WITH MOULDER SIDE WATER-PROOF
REPLACEABLE LED MODULE



L149 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L152 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 65



OPTIC 110°
L144 - 1 LED X 1,2W - DRIVER 350 mA
L151 - 1 LED X 2W - DRIVER 500 mA
L145 - 1 LED X 3W - DRIVER 700 mA
L158 - 3 LED X 1,2W - DRIVER 350 mA
L159 - 3 LED X 2W - DRIVER 500 mA

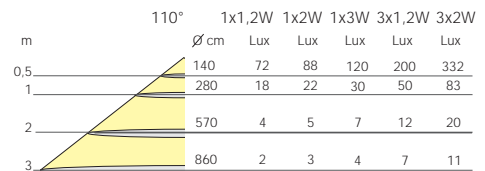
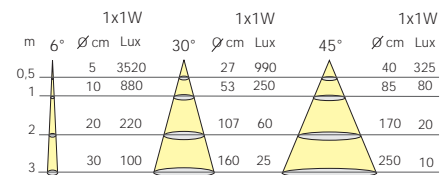
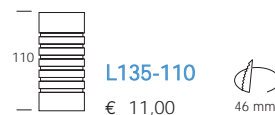
EXAMPLE: VERS. IP 68



CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI



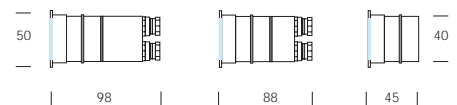
RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



VERS. IP 68-L-D

VERS. IP 68

VERS. IP 65



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

CODE	APERTURA FOCALE OPENING FOCUS				VETRO GLASS			COLORI LED DISP. DISP. LED COLOURS			RGB	VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					
	6°	30°	45°	-	CH	SA	1	2	3	4		5	6	IP 65	IP 68	IP 68-L	IP 68-D-12
L149	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€ 99,00	114,00	116,00	158,00	-
L152	-	30°	-	-	CH	SA							€ 124,00	139,00	141,00	-	-
L144	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 89,00	105,00	107,00	149,00	-
L151	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 111,00	126,00	128,00	169,00	-
L145	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 136,00	151,00	153,00	195,00	-
L158	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 124,00	139,00	141,00	183,00	-
L159	-	-	-	110°	CH	SA	1	2	3	4	5	6	€ 155,00	169,00	172,00	214,00	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE



Ø 70 mm

CALPESTABILE, ORIENTABILE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBBIATO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA

GHIERE OPTIONAL:

A ACCIAIO INOX AISI 304
B ACCIAIO INOX AISI 316 (USO NAUTICO)
C OTTONE FIN. CROMO
D OTTONE FIN. ORO
FINITURE DIVERSE A RICHIESTA
MODULO LED SOSTITUIBILE

TRAMPEABILE, ORIENTABILE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS, WITH MOULDER SIDE WATER-PROOF

OPTIONAL RING NUTS:

A INOX STEEL AISI 304
B INOX STEEL AISI 316 (NAUTIC USE)
C BRASS FIN. CHROME
D BRASS FIN. GOLD
DIFFERENT FINISHING ON REQUEST
REPLACEABLE LED MODULE



m	6°	1x1,2W 1x2W 1x3W			
		Ø cm	Lux	Lux	Lux
0,5		5	3520	4300	5864
1		10	880	1075	1466
2		20	220	268	366
3		30	100	150	205

m	30°	1x1,2W 1x2W 1x3W			
		Ø cm	Lux	Lux	Lux
0,5		27	680	828	1132
1		53	170	207	283
2		107	42	51	70
3		160	24	29	40

m	45°	1x1,2W 1x2W 1x3W			
		Ø cm	Lux	Lux	Lux
0,5		140	320	388	532
1		280	80	97	133
2		570	20	24	33
3		860	11	13	18

m	110°	1x1,2W 1x2W 1x3W			
		Ø cm	Lux	Lux	Lux
0,5		140	72	88	120
1		280	18	22	30
2		570	4	5	7
3		860	2	3	4



GRUPPO OTTICO - OPTICAL GROUP

6° - 30° - 45°

L500 - 1 LED X 1,2W - DRIVER 350 mA

L501 - 1 LED X 2W - DRIVER 500 mA

L502 - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 65



OPTIC 110°

L510 - 1 LED X 1,2W - DRIVER 350 mA

L511 - 1 LED X 2W - DRIVER 500 mA

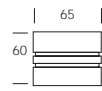
L512 - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO

ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI



L134-60

€ 11,00

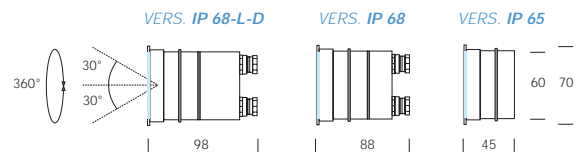
RECESSED MOULD

TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



L134-110

€ 13,00



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS			
	APERTURA FOCALE OPENING FOCUS		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 68-L	NO FOR RGB VERSION IP 68-D-12 IP 68-D-230		GHIERA - RING NUT		
										A	B	C	D
L500	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ 131,00	151,00	157,00	225,00	228,00	15,00	29,00	11,00	11,00
L501	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ 137,00	157,00	163,00	232,00	-	15,00	29,00	11,00	11,00
L502	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ 162,00	182,00	188,00	256,00	-	15,00	29,00	11,00	11,00
L510	- - - 110°	CH SA	1 2 3 4 5 6	-	€ 118,00	138,00	144,00	213,00	215,00	15,00	29,00	11,00	11,00
L511	- - - 110°	CH SA	1 2 3 4 5 6	-	€ 139,00	159,00	166,00	234,00	-	15,00	29,00	11,00	11,00
L512	- - - 110°	CH SA	1 2 3 4 5 6	-	€ 165,00	185,00	191,00	259,00	-	15,00	29,00	11,00	11,00

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



70x70 mm

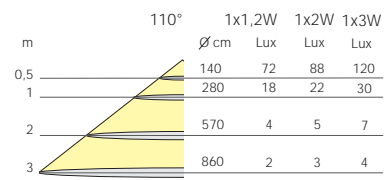
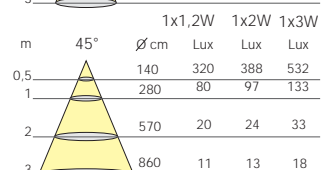
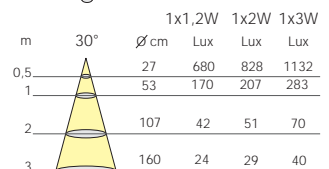
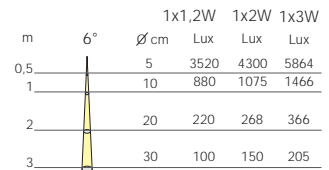
CALPESTABILE, ORIENTABILE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA E GHIERA INTEGRALMENTE IN ALLUMINIO ANODIZZATO GRIGIO ARGENTO.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA
MODULO LED SOSTITUIBILE

TRAMPELLEABILE, ORIENTABILE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE AND RING NUT REALISED IN SILVER GREY ANODISED ALUMINIUM
2 CABLE PRESS, WHERE PREVIEVED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS WITH MOULDER SIDE WATER-PROOF
REPLACEABLE LED MODULE

CE IP 65 - IP 68



GRUPPO OTTICO - OPTICAL GROUP

6° - 30° - 45°

L520 - 1 LED X 1,2W - DRIVER 350 mA

L521 - 1 LED X 2W - DRIVER 500 mA

L522 - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 65



OPTIC 110°

L523 - 1 LED X 1,2W - DRIVER 350 mA

L524 - 1 LED X 2W - DRIVER 500 mA

L525 - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO

ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

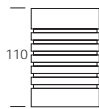


L134-60

€ 11,00

RECESSED MOULD

TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



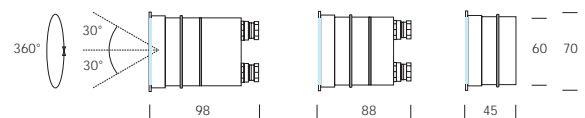
L134-110

€ 13,00

VERS. IP 68-L-D

VERS. IP 68

VERS. IP 65



* **IP68-L:** per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS					VERSIONI DISPONIBILI - DISPOSABLE VERSIONS						
	APERTURA FOCALE OPENING FOCUS		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS		RGB	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	
L520	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ 143,00	163,00	169,00	218,00	219,00
L521	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ 169,00	189,00	194,00	243,00	-
L522	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ 198,00	218,00	224,00	272,00	-
L523	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 131,00	151,00	156,00	205,00	207,00
L524	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 154,00	175,00	179,00	229,00	-
L525	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 182,00	202,00	207,00	256,00	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE



DA ESTERNO, CARRABILE

VERSIONI: IP65 - IP68 - IP68-D CON DRIVER 12-15 Vca-cc INGLOBATO IN RESINA
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
1 PRESSACAVO, OVE PREVISTO, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (**SA**)
APERTURE FOCALI: 50° - 90°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA O CON MOLLA (INCL).

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

FOR OUTDOOR, DRIVE-ON

VERSIONS: IP65 - IP68 - IP68-D WITH DRIVER 12-15 Vca-cc FITTED IN RESIN
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
1 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (**SA**)
OPENING FOCUS: 50° - 90°
MOUNTING WITHOUT SCREWS, WITH MOULDER PROTECTED BY WATER FROM LATERAL SIDES OR WITH WINGS (INCL)

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE

LED DISP. 1 2 3 4 5 6



L110 VERS. IP65
1 LED X 1,2W - DRIVER 350 mA
 OTTICA - OPTIC 50° - 90° € 67,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 74,00



L110 VERS. IP68
1 LED X 1,2W - DRIVER 350 mA
 OTTICA - OPTIC 50° - 90° € 71,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 78,00

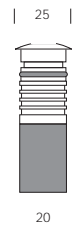
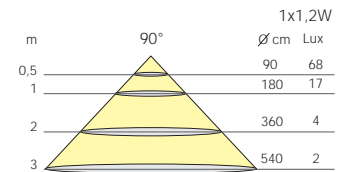
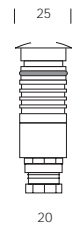
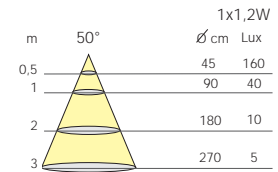


L110 VERS. IP68-D
1 LED X 1,2W
 COMPLETO DI DRIVER 12-15 Vca-cc
 FORNITO CON CAVO DI 1,5 mt
 COMPLETE WITH DRIVER 12-15 Vca-cc
 SUPPLIED WITH CABLE LENGHT 1,5 mt
 OTTICA - OPTIC 50° - 90° € 105,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 112,00



L109 - € 4,00
CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI
RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGH THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS

CE IP 65 - IP 68





DA ESTERNO, CARRABILE

VERSIONI: IP65 - IP68 - IP68-D CON DRIVER 12-15 Vca-cc INGLOBATO IN RESINA
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
1 PRESSACAVO, OVE PREVISTO, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (**SA**)
APERTURE FOCALI: 50° - 90°
MONTAGGIO CON VITI, CON O SENZA CASSAFORMA A TENUTA LATERALE STAGNA.

GHIERE OPTIONAL:

B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

FOR OUTDOOR, DRIVE-ON

VERSIONS: IP65 - IP68 - IP68-D WITH DRIVER 12-15 Vca-cc FITTED IN RESIN
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
1 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (**SA**)
OPENING FOCUS: 50° - 90°
MOUNTING WITH SCREWS, WITH OR WITHOUT MOULDER LATERAL WATERTIGHT.

OPTIONAL RING NUTS:

B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE

LED DISP. 1 2 3 4 5 6



L700 VERS. IP65

1 LED X 1,2W - DRIVER 350 mA
 OTTICA - OPTIC 50°-90° € 96,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 119,00



L700 VERS. IP68

1 LED X 1,2W - DRIVER 350 mA
 OTTICA - OPTIC 50°-90° € 99,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 122,00



L700 VERS. IP68-D

1 LED X 1,2W
 COMPLETO DI DRIVER 12-15 Vca-cc
 FORNITO CON CAVO DI 1,5 mt
 COMPLETE WITH DRIVER 12-15 Vca-cc
 SUPPLIED WITH CABLE LENGHT 1,5 mt
 OTTICA - OPTIC 50°-90° € 133,00
 CON GHIERA ACCIAIO INOX 316
 WITH RING NUT INOX STEEL 316 € 156,00

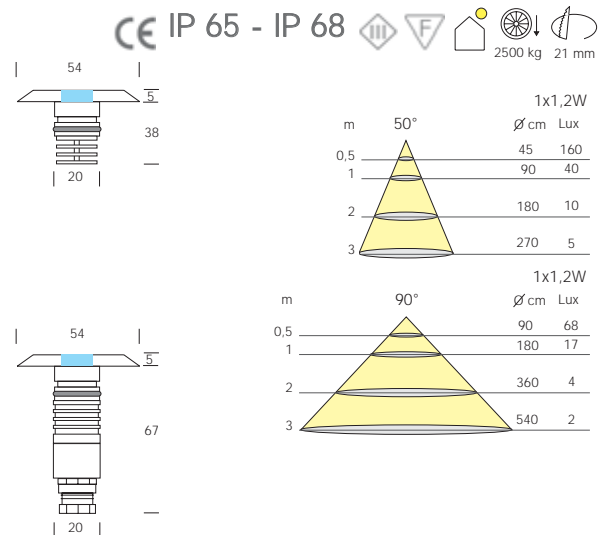


L699 - € 11,00

CASSAFORMA DA INCASSO
 PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE CON VITI

RECESSED MOULD

TURNED AND GRINDED PVC
 WATERTIGH THROUGH ORING
 PRESSURE MOUNTING WITH SCREWS





DA ESTERNO, CARRABILE

VERSIONI: IP65 - IP68 - IP 68-L - IP68-D
 CON DRIVER 12-15 Vca-cc
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBBIATO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

FOR OUTDOOR, DRIVE-ON

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
 WITH DRIVER 12-15 Vca-cc
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
1 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS, WITH MOULDER SIDE WATER-PROOF

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE



L115 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L117 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 65



OPTIC 110°
L111 - 1 LED X 1,2W - DRIVER 350 mA
L114 - 1 LED X 2W - DRIVER 500 mA
L112 - 1 LED X 3W - DRIVER 700 mA
L113 - 3 LED X 1,2W - DRIVER 350 mA
L116 - 3 LED X 2W - DRIVER 500 mA

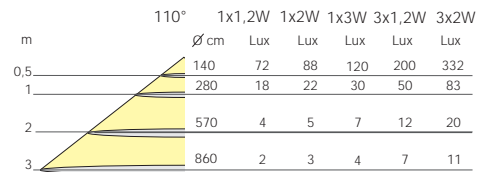
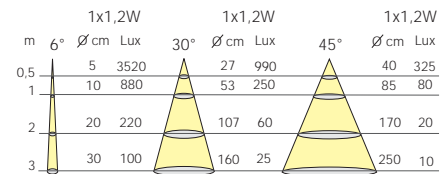
EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS

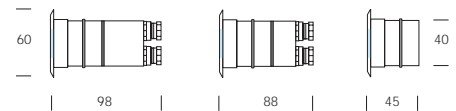
CE IP 65 - IP 68



VERS. IP 68-L-D

VERS. IP 68

VERS. IP 65



* IP68 L: per alloggiamento driver L201 o maggior spazio per derivazioni
 to fit driver L201 or to have bigger space for connections

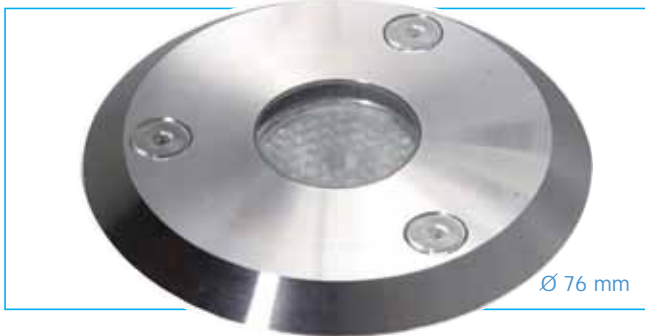
CODE	APERTURA FOCALE OPENING FOCUS				VETRO GLASS		COLORI LED DISP. DISP. LED COLOURS				RGB	VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS						
	6°	30°	45°	-	CH	SA	1	2	3	4		5	6	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	GHIERA - RING NUT				
																			A	B	C	D	
L115	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€	107,00	121,00	123,00	165,00	-	-	12,00	-	-	
L117	-	30°	-	-	CH	SA							€	131,00	146,00	148,00	-	-	-	12,00	-	-	
L111	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	97,00	111,00	113,00	155,00	-	+	-	12,00	-	-
L114	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	118,00	132,00	134,00	176,00	-	+	-	12,00	-	-
L112	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	143,00	157,00	159,00	201,00	-	+	-	12,00	-	-
L113	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	131,00	146,00	148,00	189,00	-	+	-	12,00	-	-
L116	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	162,00	176,00	168,00	219,00	-	+	-	12,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



DA ESTERNO, CARRABILE

VERSIONI: IP65 - IP68 - IP 68-L - IP68-D
CON DRIVER 12-15 Vca-cc
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAIO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO CON VITI, CON O SENZA CASSAFORMA A TENUTA LATERALE STAGNA.

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

FOR OUTDOOR, DRIVE-ON

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
1 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITH SCREWS, WITH OR WITHOUT MOULDER LATERAL WATERTIGHT.

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE



L710 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L720 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 65



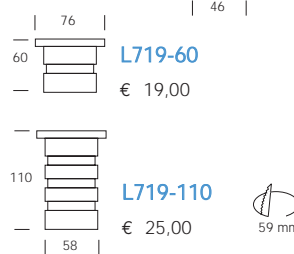
OPTIC 110°
L711 - 1 LED X 1,2W - DRIVER 350 mA
L712 - 1 LED X 2W - DRIVER 500 mA
L713 - 1 LED X 3W - DRIVER 700 mA
L714 - 3 LED X 1,2W - DRIVER 350 mA
L715 - 3 LED X 2W - DRIVER 500 mA

EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO
 PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE CON VITI

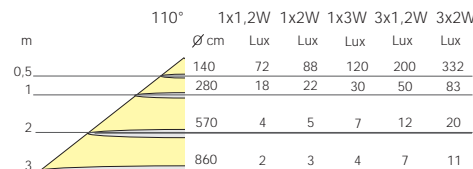
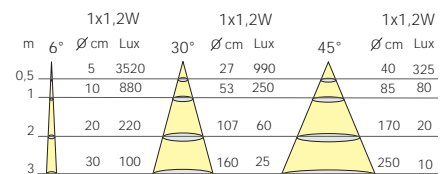
RECESSED MOULD
 TURNED AND GRINDED PVC
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITH SCREWS



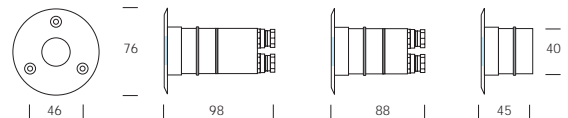
L719-60
 € 19,00

L719-110
 € 25,00

CE IP 65 - IP 68



VERS. IP 68-L-D VERS. IP 68 VERS. IP 65



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni
 to fit driver L201 or to have bigger space for connections

CODE	APERTURA FOCALE OPENING FOCUS				VETRO GLASS		COLORI LED DISP. DISP. LED COLOURS				RGB	VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS						
	6°	30°	45°	-	CH	SA	1	2	3	4		5	6	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	GHIERA - RING NUT				
																	A	B	C	D			
L710	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€	126,00	141,00	143,00	185,00	-	-	19,00	-	-	
L720	-	30°	-	-	CH	SA							€	151,00	165,00	167,00	-	-	-	19,00	-	-	
L711	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	116,00	131,00	133,00	175,00	-	+	-	19,00	-	-
L712	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	137,00	152,00	154,00	196,00	-	-	-	19,00	-	-
L713	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	162,00	177,00	179,00	221,00	-	-	-	19,00	-	-
L714	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	151,00	165,00	167,00	209,00	-	-	-	19,00	-	-
L715	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	181,00	196,00	198,00	239,00	-	-	-	19,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



DA ESTERNO, CARRABILE

FOR OUTDOOR, DRIVE-ON

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
 CON DRIVER 12-15 Vca-cc O 220-240 Vca
 STRUTTURA INTEGRALMENTE IN ALLUMINIO
 GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
 2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
 VETRO CHIARO (CH) O SABBIAIO (SA)
 APERTURE FOCALI: 6° - 30° - 45° - 110°
 MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA
 IDEALE PER VASCHE O PISCINE

GHIERE OPTIONAL:
 B ACCIAIO INOX AISI 316 (USO NAUTICO)
 MODULO LED SOSTITUIBILE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
 WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
 STRUCTURE REALISED IN ALUMINIUM
 RING NUT INOX ST. AISI 304, SILVER GREY
 2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
 GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
 OPENING FOCUS: 6° - 30° - 45° - 110°
 MOUNTING WITHOUT SCREWS, WITH MOULDER SIDE WATER-PROOF
 IDEAL FOR POOLS

OPTIONAL RING NUTS:
 B INOX STEEL AISI 316 (NAUTIC USE)
 REPLACEABLE LED MODULE



L180

3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

RGB DISPONIBILE - DISPOSABLE

EXAMPLE: VERS. IP 65



L181 - 1 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L187 - 3 LED X 1W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 68



OPTIC 110°

L182 - 1 LED X 1,2W - DRIVER 350 mA

L183 - 1 LED X 2W - DRIVER 500 mA

L184 - 1 LED X 3W - DRIVER 700 mA

L185 - 3 LED X 1,2W - DRIVER 350 mA

L186 - 3 LED X 2W - DRIVER 500 mA

EXAMPLE: VERS. IP 68-L O IP 68-D



CASSAFORMA DA INCASSO

ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD

TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



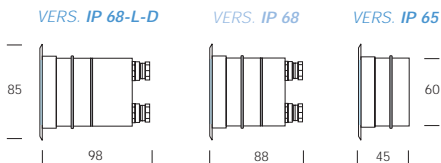
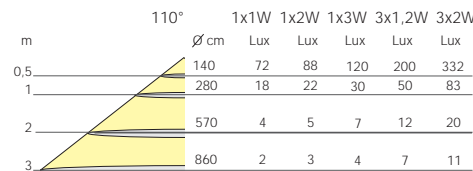
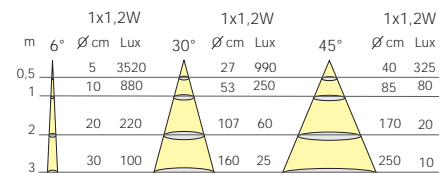
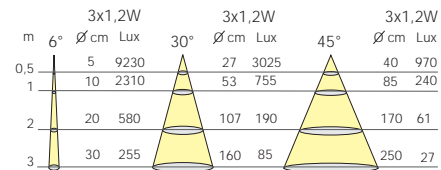
L134-60

€ 11,00



L134-110

€ 13,00



* IP68 L: per alloggiamento driver L201 o maggior spazio per derivazioni
 to fit driver L201 or to have bigger space for connections

IP68 D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
 supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS								
	APERTURA FOCALE OPENING FOCUS	VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS			NO FOR RGB VERSION					GHIERA - RING NUT							
			1	2	3	4	5	6	RGB	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	A	B	C	D
L180	6° 30° 45° -	CH SA	1	2	3	4	5	6	RGB	€ 246,00	266,00	272,00	319,00	323,00	-	22,00	-	-
L181	6° 30° 45° -	CH SA	1	2	3	4	5	6	-	€ 163,00	183,00	188,00	237,00	239,00	-	22,00	-	-
L187	- 30° - -	CH SA							RGB	€ 184,00	204,00	209,00	-	-	-	22,00	-	-
L182	- - - 110°	CH SA	1	2	3	4	5	6	-	€ 151,00	171,00	177,00	225,00	228,00	+	22,00	-	-
L183	- - - 110°	CH SA	1	2	3	4	5	6	-	€ 154,00	174,00	179,00	228,00	-	-	22,00	-	-
L184	- - - 110°	CH SA	1	2	3	4	5	6	-	€ 175,00	195,00	199,00	249,00	-	-	22,00	-	-
L185	- - - 110°	CH SA	1	2	3	4	5	6	RGB	€ 184,00	204,00	209,00	258,00	261,00	-	22,00	-	-
L186	- - - 110°	CH SA	1	2	3	4	5	6	-	€ 209,00	229,00	235,00	284,00	-	-	22,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

- NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



DA ESTERNO, CARRABILE

VERSIONI: IP65 - P68 - IP68-D CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304. GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBBIATO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO CON VITI, CON O SENZA CAS-SAFORMA A TENUTA LATERALE STAGNA.
IDEALE PER VASCHE O PISCINE CON GUAINA IMPERMEABILE.

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

FOR OUTDOOR, DRIVE-ON

VERSIONS: IP65 - IP68 - IP68-D WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITH SCREWS, WITH OR WITH-OUT MOULDER LATERAL WATERTIGHT.
IDEAL FOR POOLS WITH WATERTIGHT SHEAT.

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE



L420
3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°
 RGB DISPONIBILE - DISPOSABLE
EXAMPLE: VERS. IP 65



L421 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L427 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

EXAMPLE: VERS. IP 68



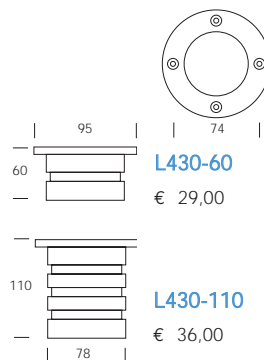
OPTIC 110°
L422 - 1 LED X 1,2W - DRIVER 350 mA
L423 - 1 LED X 2W - DRIVER 500 mA
L424 - 1 LED X 3W - DRIVER 700 mA
L425 - 3 LED X 1,2W - DRIVER 350 mA
L426 - 3 LED X 2W - DRIVER 500 mA
 RGB DISP.

EXAMPLE: VERS. IP 68-L O IP 68-D



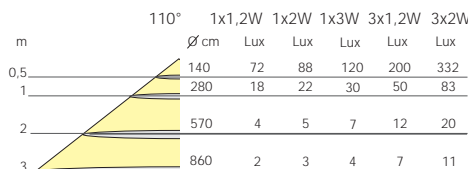
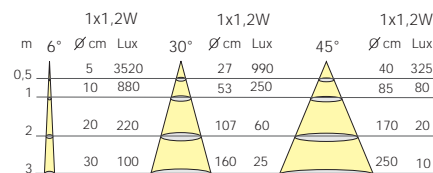
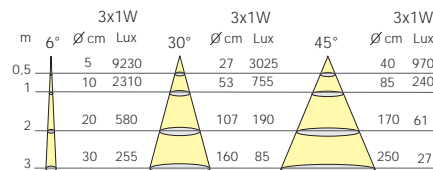
CASSAFORMA DA INCASSO
 PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE CON VITI

RECESSED MOULD
 TURNED AND GRINDED PVC
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITH SCREWS



L430-60
 € 29,00

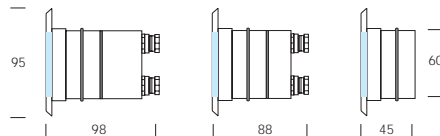
L430-110
 € 36,00



VERS. IP 68-L-D

VERS. IP 68

VERS. IP 65



* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS						VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS				
	APERTURA FOCALE OPENING FOCUS				VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 6-8L	NO FOR RGB VERSION		GHIERA - RING NUT			
	6°	30°	45°	-	CH SA	1 2 3 4 5 6				IP 68-D-12	IP 68-D-230	A	B	C	D	
L420	6°	30°	45°	-	CH SA	1 2 3 4 5 6	RGB	€ 269,00	289,00	295,00	344,00	346,00	-	19,00	-	-
L421	6°	30°	45°	-	CH SA	1 2 3 4 5 6	-	€ 186,00	206,00	212,00	259,00	263,00	-	19,00	-	-
L427	-	30°	-	-	CH SA		RGB	€ 207,00	228,00	233,00	-	-	-	19,00	-	-
L422	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 174,00	194,00	199,00	248,00	251,00	-	19,00	-	-
L423	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 177,00	197,00	203,00	252,00	-	-	19,00	-	-
L424	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 198,00	218,00	223,00	272,00	-	-	19,00	-	-
L425	-	-	-	110°	CH SA	1 2 3 4 5 6	RGB	€ 207,00	228,00	233,00	282,00	284,00	-	19,00	-	-
L426	-	-	-	110°	CH SA	1 2 3 4 5 6	-	€ 233,00	253,00	258,00	307,00	-	-	19,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

† COSTO AGGIUNTIVO - ADDITIONAL COST

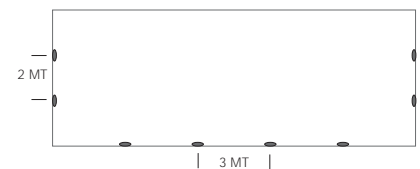


MT. 15x6 - N. 8 L180 - 3 x 1,2w - 30°



TEST: N. 1 L180 - 3 x 1,2w - 30°

MT. 15x6 - N. 8 L180 - 3 x 1,2w - 30°





L083 - 1 x 1,2w - 6° - 5.500°K
"CALEIDOSCOPIO" - CHIETI - ITALY
Progetto: PATRIZIO TRAVAGLI
DOTT. MARINA GIORDANI / STUDIO CALCOGRAFICO
URBINO





CARRABILE, ORIENTABILE

VERSIONI: IP65 - IP68 - IP68-L - IP68-D
CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA

GHIERE OPTIONAL:
B ACCIAIO INOX 316 (PER USO NAUTICO)
MODULO LED SOSTITUIBILE

DRIVE-ON, ORIENTABILE

VERSIONS: IP65 - IP68 - IP68-L - IP68-D
WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED IN ALUMINIUM
RING NUT IN INOX ST. AISI 304, SILVER GREY
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITHOUT SCREWS WITH MOULDER SIDE WATER-PROOF

OPTIONAL RING NUTS:
B INOX STEEL 316 (FOR NAUTIC USE)
REPLACEABLE LED MODULE



GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L530** - 1 LED X 1,2W - DRIVER 350 mA
- L531** - 1 LED X 2W - DRIVER 500 mA
- L532** - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 65

OPTIC 110°

- L533** - 1 LED X 1,2W - DRIVER 350 mA
- L534** - 1 LED X 2W - DRIVER 500 mA
- L535** - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 68-L O IP 68-D

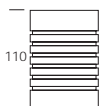


CASSAFORMA DA INCASSO
 ALLUMINIO TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

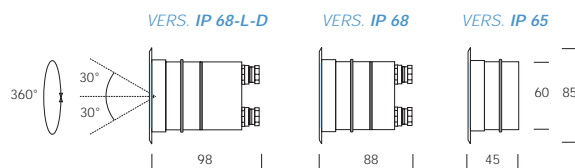
RECESSED MOULD
 TURNED AND GRINDED ALUMINIUM
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



L134-60
 € 11,00



L134-110
 € 13,00



CE IP 65 - IP 68

m	6°	1x1,2W 1x2W 1x3W		
		∅ cm	Lux	Lux
0,5	5	3520	4300	5864
1	10	880	1075	1466
2	20	220	268	366
3	30	100	150	205

m	30°	1x1,2W 1x2W 1x3W		
		∅ cm	Lux	Lux
0,5	27	680	828	1132
1	53	170	207	283
2	107	42	51	70
3	160	24	29	40

m	45°	1x1,2W 1x2W 1x3W		
		∅ cm	Lux	Lux
0,5	140	320	388	532
1	280	80	97	133
2	570	20	24	33
3	860	11	13	18

m	110°	1x1,2W 1x2W 1x3W		
		∅ cm	Lux	Lux
0,5	140	72	88	120
1	280	18	22	30
2	570	4	5	7
3	860	2	3	4

* IP68-L: per alloggiamento driver L201 o maggior spazio per derivazioni to fit driver L201 or to have bigger space for connections

IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS											
	APERTURA FOCALE OPENING FOCUS				VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS			RGB	IP 65	IP 68	IP 68-L	NO FOR RGB VERSION		GHIERA - RING NUT						
	6°	30°	45°	-	CH SA	1	2	3	4	5	6		IP 68-D-12	IP 68-D-230	A	B	C	D			
L530	6°	30°	45°	-	CH SA	1	2	3	4	5	6	€	169,00	189,00	195,00	244,00	246,00	-	18,00	-	-
L531	6°	30°	45°	-	CH SA	1	2	3	4	5	6	€	199,00	219,00	225,00	273,00	-	-	18,00	-	-
L532	6°	30°	45°	-	CH SA	1	2	3	4	5	6	€	233,00	253,00	259,00	307,00	-	+	18,00	-	-
L533	-	-	-	110°	CH SA	1	2	3	4	5	6	€	157,00	177,00	183,00	231,00	234,00	-	18,00	-	-
L534	-	-	-	110°	CH SA	1	2	3	4	5	6	€	184,00	205,00	209,00	259,00	-	-	18,00	-	-
L535	-	-	-	110°	CH SA	1	2	3	4	5	6	€	216,00	236,00	242,00	289,00	-	-	18,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



CARRABILE, ORIENTABILE

VERSIONI: IP65 - P68 - IP68-D CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO.
GHIERA IN ACC. INOX AISI 304. GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBATO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO CON VITI, CON O SENZA CASSAFORMA A TENUTA LATERALE STAGNA.

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

DRIVE-ON, ORIENTABILE

VERSIONS: IP65 - IP68 - IP68-D WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED
RING NUT INOX ST. AISI 304, SILVER GREY
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITH SCREWS, WITH OR WITHOUT MOULDER LATERAL WATERTIGHT.

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE



m	6°	1x1,2W 1x2W 1x3W			
		∅ cm	Lux	Lux	Lux
0,5		5	3520	4300	5864
1		10	880	1075	1466
2		20	220	268	366
3		30	100	150	205

m	30°	1x1,2W 1x2W 1x3W			
		∅ cm	Lux	Lux	Lux
0,5		27	680	828	1132
1		53	170	207	283
2		107	42	51	70
3		160	24	29	40

m	45°	1x1,2W 1x2W 1x3W			
		∅ cm	Lux	Lux	Lux
0,5		140	320	388	532
1		280	80	97	133
2		570	20	24	33
3		860	11	13	18

m	110°	1x1,2W 1x2W 1x3W			
		∅ cm	Lux	Lux	Lux
0,5		140	72	88	120
1		280	18	22	30
2		570	4	5	7
3		860	2	3	4



GRUPPO OTTICO - OPTICAL GROUP

6° - 30° - 45°

- L330** - 1 LED X 1,2W - DRIVER 350 mA
- L331** - 1 LED X 2W - DRIVER 500 mA
- L332** - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 65



OPTIC 110°

- L333** - 1 LED X 1,2W - DRIVER 350 mA
- L334** - 1 LED X 2W - DRIVER 500 mA
- L335** - 1 LED X 3W - DRIVER 700 mA

EXAMPLE: VERS. IP 68-L O IP 68-D

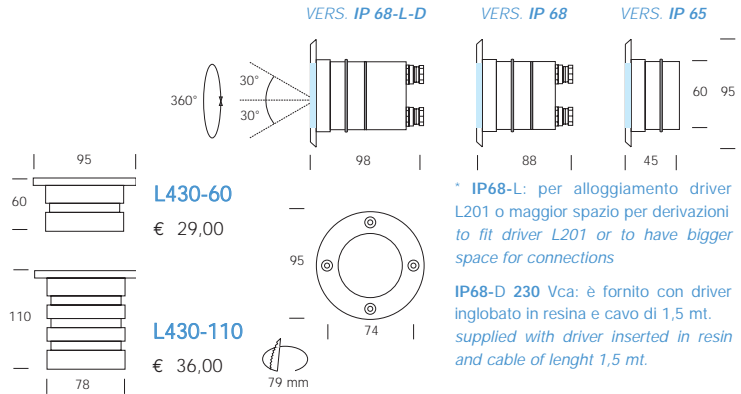


CASSAFORMA DA INCASSO

PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD

TURNED AND GRINDED PVC
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS



CODE	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS					
	APERTURA FOCALE OPENING FOCUS		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 68-L	NO FOR RGB VERSION IP 68-D-12 IP 68-D-230		GHIERA - RING NUT				
	A	B	C	D						A	B	C	D		
L330	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	29,00	-	-
L331	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	29,00	-	-
L332	6°	30°	45°	-	CH SA	1	2	3	4	5	6	+	29,00	-	-
L333	-	-	-	110°	CH SA	1	2	3	4	5	6	-	29,00	-	-
L334	-	-	-	110°	CH SA	1	2	3	4	5	6	-	29,00	-	-
L335	-	-	-	110°	CH SA	1	2	3	4	5	6	-	29,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



CARRABILE, ORIENTABILE

VERSIONI: IP68 - IP68IP68-D CON DRIVER 12-15 Vca-cc O 220-240 Vca
 STRUTTURA INTEGRALMENTE IN ALLUMINIO.
 GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
 2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
 VETRO CHIARO (CH) O SABBIAITO (SA)
 APERTURE FOCALI: 6° - 30° - 45° - 110°
 MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA O CON MOLLA (INCL).
 IDEALE PER VASCHE O PISCINE

GHIERE OPTIONAL:
 B ACCIAIO INOX AISI 316 (USO NAUTICO)
 MODULO LED SOSTITUIBILE

DRIVE-ON, ORIENTABILE

VERSIONS: IP68 - IP68-D WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
 STRUCTURE REALISED IN ALUMINIUM
 RING NUT INOX ST. AISI 304, SILVER GREY
 2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
 GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
 OPENING FOCUS: 6° - 30° - 45° - 110°
 MOUNTING WITHOUT SCREWS, WITH MOULDER PROTECTED BY WATER FROM LATERAL SIDES OR WITH WINGS (INCL)
 IDEAL FOR POOLS

OPTIONAL RING NUTS:
 B INOX STEEL AISI 316 (NAUTIC USE)
 REPLACEABLE LED MODULE

1 GRUPPO OTTICO - 1 OPTICAL GROUP

OPTIC 110°

- L560 - 1 LED X 1,2W - DRIVER 350 mA
- L561 - 1 LED X 2W - DRIVER 500 mA
- L562 - 1 LED X 3W - DRIVER 700 mA

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L563 - 1 LED X 1,2W - DRIVER 350 mA



2 GRUPPI OTTICI - 2 OPTICAL GROUPS

OPTIC 110°

- L580 - 2 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L570 - 2 LED X 1,2W - DRIVER 350 mA



1 GRUPPO OTTICO - 1 OPTICAL GROUP

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L550 - 3 LED X 1,2W - DRIVER 350 mA

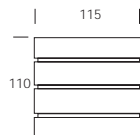
RGB DISPONIBILE - DISPOSABLE



CASSAFORMA DA INCASSO

PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD
 TURNED AND GRINDED PVC
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS

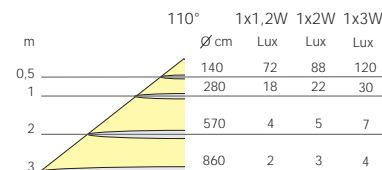


L590-110

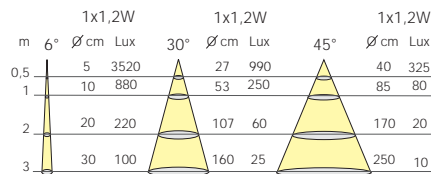
€ 55,00



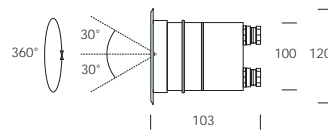
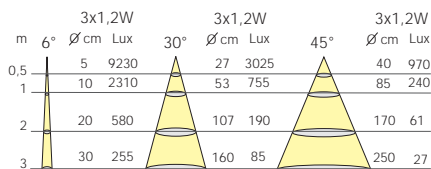
116 mm



N.B.: RENDIMENTI DI UN SINGOLO GRUPPO OTTICO A 110°
 ACHIEVEMENT OF SINGLE OPTICAL GROUP 110°



N.B.: RENDIMENTI DI UN SINGOLO GRUPPO OTTICO A 6° 30° 45°
 ACHIEVEMENT OF SINGLE OPTICAL GROUP 6° 30° 45°



IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
 supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	APERTURA FOCALE OPENING FOCUS	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS				OPTIONALS			
		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	GHIERA - RING NUT			
		A	B	C	D					A	B	C	D
L560	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	233,00	-	282,00	284,00	-	21,00	-	-
L561	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	278,00	-	326,00	-	-	21,00	-	-
L562	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	329,00	-	378,00	-	-	21,00	-	-
L563	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ -	239,00	-	288,00	291,00	+	21,00	-	-
L580	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	261,00	-	309,00	312,00	-	21,00	-	-
L570	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ -	281,00	-	329,00	332,00	-	21,00	-	-
L550	6° 30° 45° -	CH SA	1 2 3 4 5 6	RGB	€ -	329,00	-	378,00	379,00	-	21,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



Ø 135 mm

CARRABILE, ORIENTABILE

VERSIONI: IP68 - IP68-D CON DRIVER
 12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO.
GHIERA IN ACC. INOX AISI 304, GRIGIO ARG.
2 PRESSACAVI, OVE PREVISTI, IN OTTONE CROMATO
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MONTAGGIO CON VITI, CON O SENZA CAS-SAFORMA A TENUTA LATERALE STAGNA.
IDEALE PER VASCHE O PISCINE CON GUAINA IMPERMEABILE.

GHIERE OPTIONAL:
B ACCIAIO INOX AISI 316 (USO NAUTICO)
MODULO LED SOSTITUIBILE

DRIVE-ON, ORIENTABILE

VERSIONS: IP68 - IP68-D WITH DRIVER
 12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED IN ALUMINIUM
RING NUT INOX ST. AISI 304, SILVER GREY
2 CABLE PRESS, WHERE PREVIEWED, IN CHROME BRASS
GLASS TRANSP. (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
MOUNTING WITH SCREWS, WITH OR WITHOUT MOULDER LATERAL WATERTIGHT.
IDEAL FOR POOLS WITH WATERTIGHT SHEAT.

OPTIONAL RING NUTS:
B INOX STEEL AISI 316 (NAUTIC USE)
REPLACEABLE LED MODULE

1 GRUPPO OTTICO - 1 OPTICAL GROUP

OPTIC 110°

- L460** - 1 LED X 1,2W - DRIVER 350 mA
- L461** - 1 LED X 2W - DRIVER 500 mA
- L462** - 1 LED X 3W - DRIVER 700 mA

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L463** - 1 LED X 1,2W - DRIVER 350 mA



2 GRUPPI OTTICI - 2 OPTICAL GROUPS

OPTIC 110°

- L480** - 2 LED X 1,2W - DRIVER 350 mA

GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L470** - 2 LED X 1,2W - DRIVER 350 mA



1 GRUPPO OTTICO - 1 OPTICAL GROUP

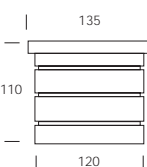
GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

- L450** - 3 LED X 1,2W - DRIVER 350 mA

RGB DISPONIBILE - DISPOSABLE

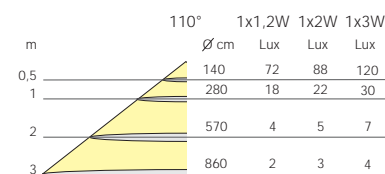


CASSAFORMA DA INCASSO
 PVC TORNITO E RETTIFICATO
 TENUTA STAGNA MEDIANTE ORING
 MONTAGGIO A PRESSIONE SENZA VITI
RECESSED MOULD
 TURNED AND GRINDED PVC
 WATERTIGHT THROUGH ORING
 PRESSURE MOUNTING WITHOUT SCREWS

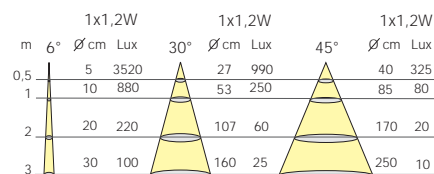


L490-110

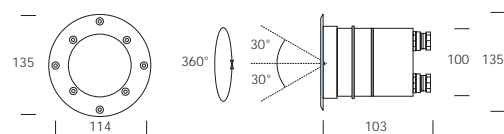
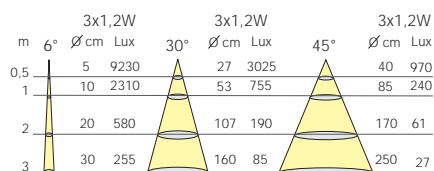
€ 63,00



N.B.: RENDIMENTI DI UN SINGOLO GRUPPO OTTICO A 110°
 ACHIEVEMENT OF SINGLE OPTICAL GROUP 110°



N.B.: RENDIMENTI DI UN SINGOLO GRUPPO OTTICO A 6° 30° 45°
 ACHIEVEMENT OF SINGLE OPTICAL GROUP 6° 30° 45°



IP68-D 230 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
 supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS						VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS									
	APERTURA FOCALE OPENING FOCUS				VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS		RGB	IP 65	IP 68	IP 68-L	IP 68-D-12	IP 68-D-230	GHIERA - RING NUT							
	A	B	C	D		1	2	3	4	5	6										
L460	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	248,00	-	297,00	299,00	-	26,00	-	-
L461	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	295,00	-	344,00	-	-	26,00	-	-
L462	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	349,00	-	398,00	-	-	26,00	-	-
L463	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	€ -	255,00	-	303,00	306,00	+	26,00	-	-
L480	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	276,00	-	324,00	327,00	-	26,00	-	-
L470	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	€ -	296,00	-	344,00	347,00	-	26,00	-	-
L450	6°	30°	45°	-	CH SA	1	2	3	4	5	6	● ● ●	€ -	345,00	-	393,00	396,00	-	26,00	-	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



SEGNAPASSO DA PARETE

STRUTTURA IN METALLO, GRIGIO ARGENTO

FISSAGGIO A MOLLE CON O SENZA CASSAFORMA

FINITURE DIVERSE A RICHIESTA

WALL RECESSED SPOT

STRUCTURE METAL, SILVER GREY

FIXING TROUGH WINGS, WITH OR WITHOUT MOULD

DIFFERENT FINISHING ON REQUEST

LED DISP. 1 2 3 4 5 6



DIM. 70x70 mm

L160 - 1 LED X 1,2W - DRIVER 350 mA

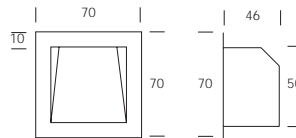
€ 79,00

L162 - 2 LED X 1,2W - DRIVER 350 mA

€ 106,00

L163 - 3 LED X 1,2W - DRIVER 350 mA

€ 136,00 ● ● ● RGB DISP.



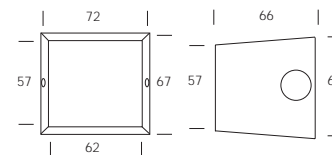
CE IP 50   



L165

CASSAFORMA DA INCASSO PER L160
NON NECESSARIA PER MONTAGGIO SU
PANNELLI
RECESSED MOULD FOR L160
NOT NECESSARY FOR MOUNTING ON
PANELS

€ 14,00

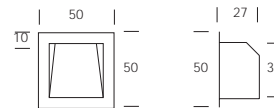


DIM. 50x50 mm

L166

1 LED X 1,2W - DRIVER 350 mA

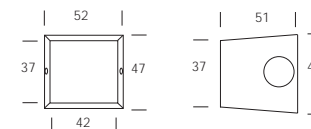
€ 70,00



L167

CASSAFORMA DA INCASSO PER L166
NON NECESSARIA PER MONTAGGIO SU
PANNELLI
RECESSED MOULD FOR L166
NOT NECESSARY FOR MOUNTING ON
PANELS

€ 13,50





SEGNAPASSO DA ESTERNO

STRUTTURA IN ALLUMINIO VERNICIATO

VETRO CHIARO (CH) O SABBBIATO (SA)

MONTAGGIO C/MOLLE (INCL.) O CASSAFORMA

FINITURE:

NERO (BL), BIANCO (WH), GRIGIO ARGENTO (S)

MODULO LED SOSTITUIBILE

STEP-MARKER, FOR OUTDOOR

STRUCTURE IN PAINTED ALUMINIUM

GLASS TRANSP. (CH) OR SAND-BLAST. (SA)

MOUNTING W/WINGS (INCL.) OR MOULDER

FINISHING:

BLACK (BL), WHITE (WH), SILVER GREY (S)

REPLACEABLE LED MODULE

LED DISP. 1 2 3 4 5 6



L600 - 1 LED X 1,2W - DRIVER 350 mA

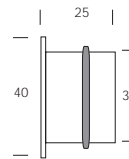
€ 58,00

L601 - 1 LED X 2,W - DRIVER 500 mA

€ 69,00

L602 - 1 LED X 3W - DRIVER 700 mA

€ 83,00



CE IP 66    

m	Ø cm	1x1,2W Lux	1x2W Lux	1x3W Lux
* 0,5	47	46	65	110
* 1	86	14	24	34



L610 - € 6,70

CASSAFORMA DA INCASSO

ALLUMINIO TORNITO E RETTIFICATO

TENUTA STAGNA MEDIANTE OROG

MONTAGGIO A PRESSIONE SENZA VITI

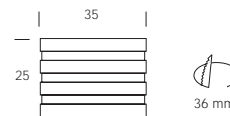
RECESSED MOULD

TURNED AND GRINDED ALUMINIUM

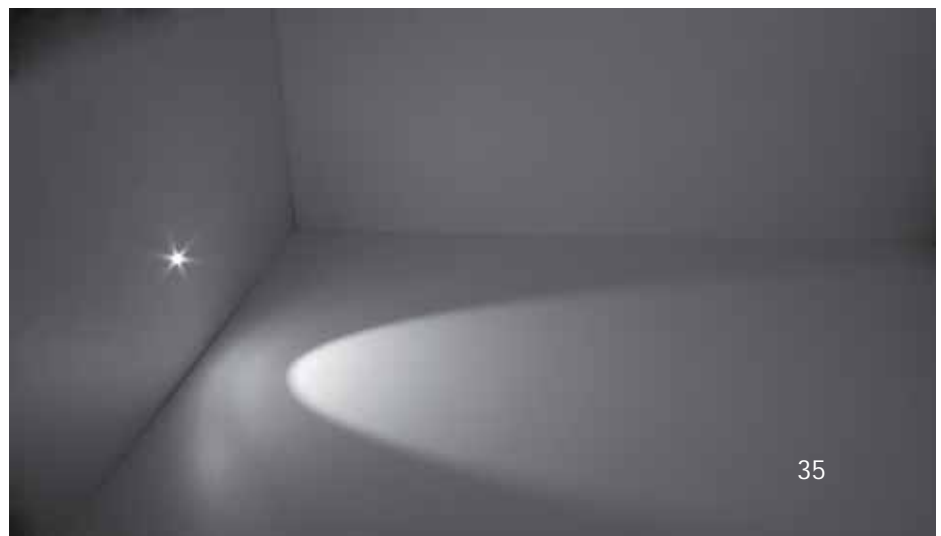
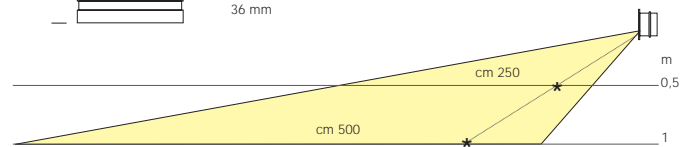
WATERTIGHT THROUGH ORING

PRESSURE MOUNTING WITHOUT

SCREWS



* PUNTO DI RILEVAMENTO LUX
LUX SURVEY POINT





SEGNAPASSO DA ESTERNO

VERSIONI: IP65 - IP68 - IP68-D CON DRIVER 12-15 Vca-cc INGLOBATO IN RESINA

STRUTTURA INTEGRALMENTE IN ALLUMINIO GHIERA IN PLEXIGLASS

1 PRESSACAVO, OVE PREVISTO, IN OTTONE CROMATO

MONTAGGIO SENZA VITI, SU CASSAFORMA A TENUTA LATERALE STAGNA O CON MOLLA (INCL.)

MODULO LED SOSTITUIBILE

STEPMARKER, FOR OUTDOOR

VERSIONS: IP65 - IP68 - IP68-D WITH DRIVER 12-15 Vca-cc FITTED IN RESIN

STRUCTURE REALISED IN ALUMINIUM RING NUT IN PLEXIGLASS

1 CABLE PRESS, WHERE PREVISED, IN CHROME BRASS

MOUNTING WITHOUT SCREWS WITH MOULDER PROTECTED BY WATER FROM LATERAL SIDES OR WITH WINGS (INCL.)

REPLACEABLE LED MODULE



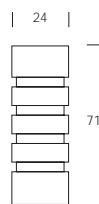
L109 - € 4,00

CASSAFORMA DA INCASSO

ALLUMINIO TORNITO E RETTIFICATO
TENUTA STAGNA MEDIANTE ORING
MONTAGGIO A PRESSIONE SENZA VITI

RECESSED MOULD

TURNED AND GRINDED ALUMINIUM
WATERTIGHT THROUGH ORING
PRESSURE MOUNTING WITHOUT SCREWS



CE IP 65 - IP 68 III F 21 mm

IP68-D: è fornito con driver inglobato in resina e cavo di 1,5 mt. supplied with driver inserted in resin and cable of length 1,5 mt.



EX: VERS. IP 65

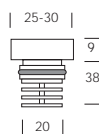
L175

1 LED X 1,2W - DRIVER 350 mA

VERS. IP 65 € 57,00

VERS. IP 68 € 59,00

VERS. IP 68-D € 86,00



EX: VERS. IP 68

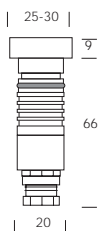
L176

1 LED X 1,2W - DRIVER 350 mA

VERS. IP 65 € 59,00

VERS. IP 68 € 61,00

VERS. IP 68-D € 88,00



EX: VERS. IP 68-D

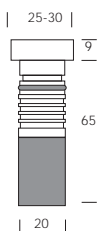
L177

1 LED X 1,2W - DRIVER 350 mA

VERS. IP 65 € 63,00

VERS. IP 68 € 65,00

VERS. IP 68-D € 92,00

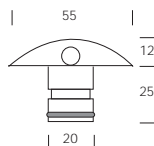


L178

1 LED X 1,2W - DRIVER 350 mA

VERS. IP 65 € 59,00

CALPESTABILE - TRAMPLEABLE



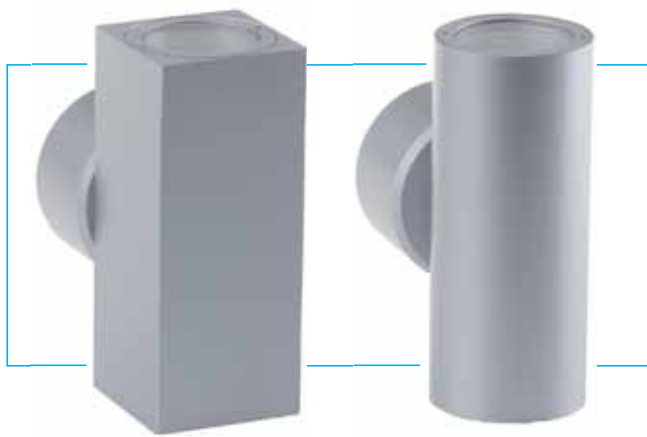


L022 - 1 x 1,2w - 110° - BLUE



L110 - 1 x 1,2w - 90° - 5.500°k





DA PARETE, SINGOLA O DOPPIA EMISSIONE

FOR WALL, SINGLE OR DOUBLE EMISSION

FORNIBILE CON 1 O 2 MODULI LED DA 1W, 2W O 3W, CON APERTURE FOCALI DI 6°, 30°, 45°, 110°, RGB 110°. NELLE COMBINAZIONI DESIDERATE.

SUPPLIABLE WITH 1 OR 2 LED MODULES OF 1W, 2W OR 3W, WITH OPENING FOCUS 6°, 30°, 45°, 110°, RGB 110°. IN DESIRED COMBINATION

STRUTTURA INTEGRALMENTE IN ALLUMINIO VERNICIATO GRIGIO ARGENTO

STRUCTURE REALISED ENTIRELY IN SILVER GREY PAINTED ALUMINIUM

VETRO CHIARO (CH) O SABBIAITO (SA), A FILO, A TENUTA STAGNA

GLASS TRANSP. (CH) OR SAND-BLAST. (SA) FLAT, WATERTIGHT

POSSIBILITA' DI DRIVER INTEGRATO 12-15 Vca-cc O 220-240 Vca

POSSIBILITY OF INTEGRATED DRIVER 12-15 Vca-cc OR 220-240 Vca

MODULO LED SOSTITUIBILE

REPLACEABLE LED MODULE

LED DISP. 1 2 3 4 5 6

FARETTO COMPLETO - COMPLETE SPOT



L320 - 1 MODULO LED - LED MODULE 1 X 1,2W
6° - 30° - 45° - DRIVER 350 mA € 146,00
L321 - 1 MODULO LED - LED MODULE 1 X 1,2W
110° - DRIVER 350 mA € 131,00

L325 - 1 MODULO LED - LED MODULE 1 X 1,2W
6° - 30° - 45° - DRIVER 350 mA € 135,00
L326 - 1 MODULO LED - LED MODULE 1 X 1,2W
110° - DRIVER 350 mA € 121,00

L322 - 2 MODULI LED - LED MODULES 1 X 1,2W
6° - 30° - 45° - DRIVER 350 mA € 197,00
L323 - 2 MODULI LED - LED MODULES 1 X 1,2W
110° - DRIVER 350 mA € 169,00
L324 - 2 MODULI LED - LED MODULES
1 X 1,2W 30° + 1 X 1,2W 110° DRIVER 350 mA € 183,00

L327 - 2 MODULI LED - LED MODULES 1 X 1,2W
6° - 30° - 45° - DRIVER 350 mA € 186,00
L328 - 2 MODULI LED - LED MODULES 1 X 1,2W
110° - DRIVER 350 mA € 158,00
L329 - 2 MODULI LED - LED MODULES
1 X 1,2W 30° + 1 X 1,2W 110° DRIVER 350 mA € 172,00

STRUTTURA COMPONIBILE - COMPOSABLE STRUCTURE

IL COSTO TOTALE È DATO DALLA SOMMA DEI COSTI STRUTTURA + MODULI LED (MAX 2) + EVENTUALI DRIVER

THE TOTAL COST IS OBTAINABLE ADDING THE COSTS OF STRUCTURE + LED MODULE (MAX 2) + EVENTUAL DRIVERS

L310 - € 94,00 **L300** - € 84,00

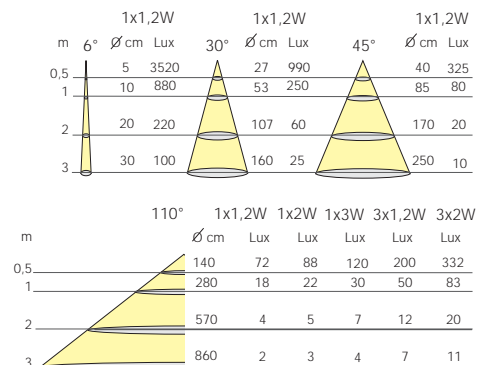
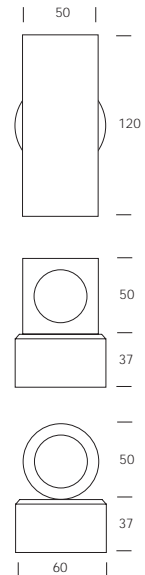
MODULI LED INSERIBILI - FITTABLE LED MODULE (MAX 2)
APERTURA FOCALE - OPENING FOCUS 6° - 30° - 45°

- L370** - 1 LED x 1,2W - DRIVER 350 mA - € 51,00
- APERTURA FOCALE - OPENING FOCUS 30°
- L377** - 3 LED x 1W - DRIVER 350 mA - € 69,00 RGB .
- APERTURA FOCALE - OPENING FOCUS 110°
- L371** - 1 LED x 1,2W - DRIVER 350 mA - € 37,00
- L372** - 1 LED x 2W - DRIVER 500 mA - € 43,00
- L373** - 1 LED x 3W - DRIVER 700 mA - € 49,00
- L374** - 3 LED x 1,2W - DRIVER 350 mA - € 64,00
- L375** - 3 LED x 1,2W - DRIVER 350 mA - € 69,00 RGB .
- L376** - 3 LED x 2W - DRIVER 500 mA - € 74,00

DRIVERS INSERIBILI NELLA STRUTTURA
DRIVERS FITTABLE IN THE STRUCTURE

L201
12-15 Vca-cc - MAX 3 LED X 1W, 2W OR 3W
€ 36,00

L202
230 V - MAX 3 LED X 1W
CON 1,5 MT DI CAVO RNF - WITH CABLE RNF OF 1,5 MT
€ 48,00
ALTRI DRIVERS A PAG. 44 - OTHER DRIVERS AT PAGE 44





DA ESTERNO, ORIENTABILE

VERSIONI: IP68 - IP68-D CON DRIVER 12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO VERNICIATO GRIGIO ARGENTO.
VETRO CHIARO (CH) O SABBIAITO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
MODULO LED SOSTITUIBILE

FOR OUTDOOR, ORIENTABLE

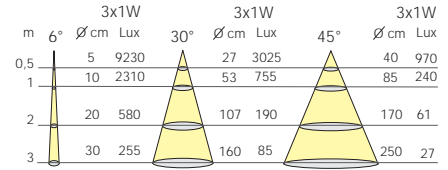
VERSIONS: IP68 - IP68-D WITH DRIVER 12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED IN SILVER GREY PAINTED ALUMINIUM
GLASS TRANSP (CH) OR SAND-BLAST. (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
REPLACEABLE LED MODULE



L190

3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

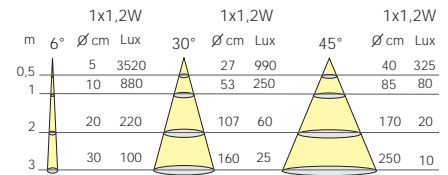
RGB DISPONIBILE - DISPOSABLE



L191 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

L197 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°

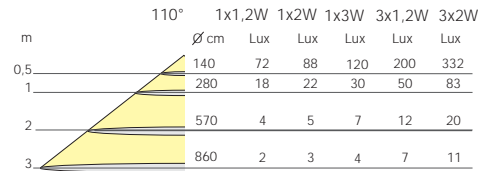
EXAMPLE: L191 + L349



OPTIC 110°

L192 - 1 LED X 1,2W - DRIVER 350 mA
L193 - 1 LED X 2W - DRIVER 500 mA
L194 - 1 LED X 3W - DRIVER 700 mA
L195 - 3 LED X 1,2W - DRIVER 350 mA
L196 - 3 LED X 2W - DRIVER 500 mA

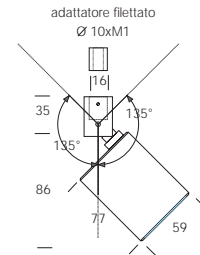
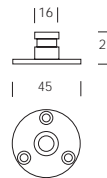
RGB DISP.



L349

SUPPORTO DI FISSAGGIO A PARETE O SOFFITTO
 FIXING SUPPORT FOR WALL OR CEILING

€ 12,00



IP68-D 220-240 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
 supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	OPZIONI - OPTIONS						VERSIONI DISPONIBILI - DISPOSABLE VERSIONS										
	APERTURA FOCALE OPENING FOCUS				VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS		RGB	IP 65	IP 68	IP 68-L	NO FOR RGB VERSION IP 68-D-12 IP 68-D-230					
L190	6°	30°	45°	-	CH SA	1	2	3	4	5	6	•••	€ -	179,00	-	221,00	223,00
L191	6°	30°	45°	-	CH SA	1	2	3	4	5	6	-	€ -	109,00	-	152,00	154,00
L197	-	30°	-	-	CH SA							•••	€ -	119,00	-	-	-
L192	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	89,00	-	131,00	134,00
L193	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	111,00	-	152,00	-
L194	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	135,00	-	176,00	-
L195	-	-	-	110°	CH SA	1	2	3	4	5	6	•••	€ -	119,00	-	159,00	163,00
L196	-	-	-	110°	CH SA	1	2	3	4	5	6	-	€ -	144,00	-	186,00	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

DA ESTERNO, ORIENTABILE

FOR OUTDOOR, ORIENTABLE

VERSIONI: IP66 - IP66-D CON DRIVER
12-15 Vca-cc O 220-240 Vca

VERSIONS: IP66 - IP66-D WITH DRIVER
12-15 Vca-cc OR 220-240 Vca

STRUTTURA INTEGRALMENTE IN ALLUMINIO
VERNICIATO GRIGIO ARGENTO.

STRUCTURE REALISED ENTIRELY IN SILVER
GREY PAINTED ALUMINIUM

STELO H 15 cm

STAND HEIGHT 30 cm

VETRO CHIARO (CH) O **SABBIATO (SA)**

GLASS TRANSP (CH) OR SAND-BLAST. (SA)

APERTURE FOCALI: 6° - 30° - 45° - 110°

OPENING FOCUS: 6° - 30° - 45° - 110°

OPTIONAL:

OPTIONAL:

E STELO H 60 cm

E STAND HEIGHT 60 cm

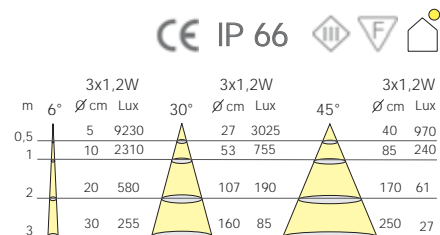
MODULO LED SOSTITUIBILE

REPLACEABLE LED MODULE



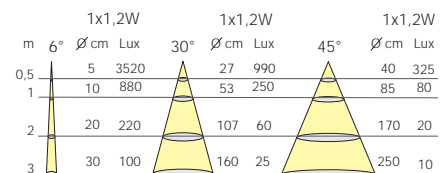
L350

3 LED X 1,2W
DRIVER 350 mA
GRUPPO OTTICO - OPTICAL GROUP
6° - 30° - 45°
RGB DISPONIBILE - DISPOSABLE

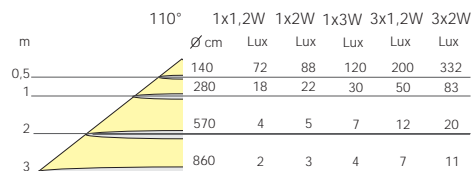


L351 - 1 LED X 1,2W - DRIVER 350 mA
GRUPPO OTTICO - OPTICAL GROUP
6° - 30° - 45°

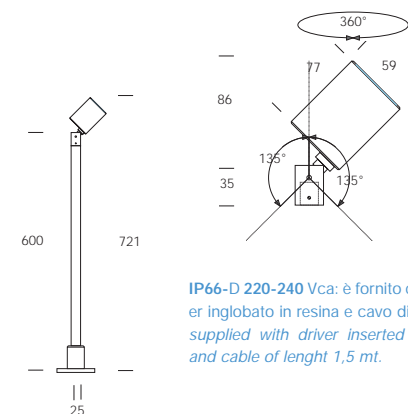
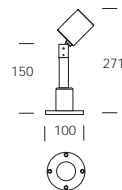
L357 - 3 LED X 1W - DRIVER 350 mA
GRUPPO OTTICO - OPTICAL GROUP 30°



OPTIC 110°
L352 - 1 LED X 1,2W - DRIVER 350 mA
L353 - 1 LED X 2W - DRIVER 500 mA
L354 - 1 LED X 3W - DRIVER 700 mA
L355 - 3 LED X 1,2W - DRIVER 350 mA
L356 - 3 LED X 2W - DRIVER 500 mA



L359
PICCHETTO IN ALLUMINIO
INSERIBILE
INSERTABLE ALUMINIUM
PICKET
€ 5,00



IP66-D 220-240 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	APERTURA FOCALE OPENING FOCUS	OPZIONI - OPTIONS				VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS E
		VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS	RGB	IP 65	IP 66	IP 66-L	NO FOR RGB VERSION IP 66-D-12	IP 66-D-230		
L350	6° 30° 45° -	CH SA	1 2 3 4 5 6	RGB	€ -	281,00	-	323,00	325,00	6,00	
L351	6° 30° 45° -	CH SA	1 2 3 4 5 6	-	€ -	213,00	-	254,00	256,00	6,00	
L357	- 30° - -	CH SA		RGB	€ -	221,00	-	-	-	6,00	
L352	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	192,00	-	234,00	236,00	6,00	
L353	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	213,00	-	255,00	-	6,00	
L354	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	237,00	-	278,00	-	6,00	
L355	- - - 110°	CH SA	1 2 3 4 5 6	RGB	€ -	221,00	-	263,00	265,00	6,00	
L356	- - - 110°	CH SA	1 2 3 4 5 6	-	€ -	246,00	-	288,00	-	6,00	

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

COSTO AGGIUNTIVO - ADDITIONAL COST



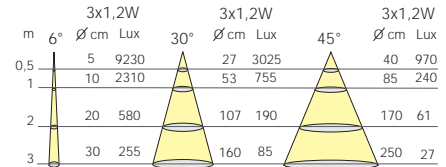
L360

3 LED X 1,2W
 DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°
 RGB DISPONIBILE - DISPOSABLE

FOR OUTDOOR, ORIENTABLE

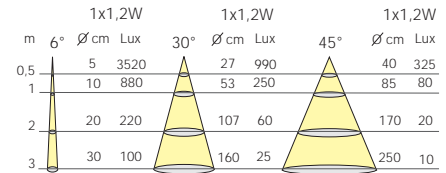
VERSIONI: IP66 - IP66-D CON DRIVER
12-15 Vca-cc O 220-240 Vca
STRUTTURA INTEGRALMENTE IN ALLUMINIO
 VERNICIATO GRIGIO ARGENTO.
COLONNA H 15 cm
VETRO CHIARO (CH) O SABBIAIO (SA)
APERTURE FOCALI: 6° - 30° - 45° - 110°
OPTIONAL:
E COLONNA ALTA 60 cm
MODULO LED SOSTITUIBILE

VERSIONS: IP66 - IP66-D WITH DRIVER
12-15 Vca-cc OR 220-240 Vca
STRUCTURE REALISED ENTIRELY IN SILVER
 GREY PAINTED ALUMINIUM
COLUMN H 15 cm
GLASS TRANSP (CH) OR SAND-BLAST (SA)
OPENING FOCUS: 6° - 30° - 45° - 110°
OPTIONAL:
E COLUMN HEIGHT 60 cm
REPLACEABLE LED MODULE

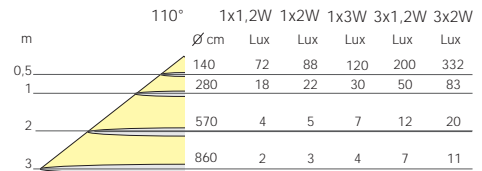


L361 - 1 LED X 1,2W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP
 6° - 30° - 45°

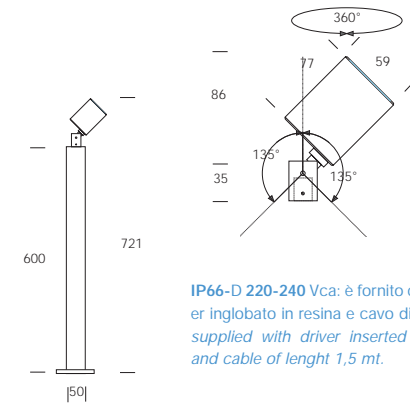
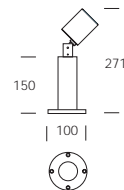
L367 - 3 LED X 1W - DRIVER 350 mA
 GRUPPO OTTICO - OPTICAL GROUP 30°



OPTIC 110°
L362 - 1 LED X 1,2W - DRIVER 350 mA
L363 - 1 LED X 2W - DRIVER 500 mA
L364 - 1 LED X 3W - DRIVER 700 mA
L365 - 3 LED X 1,2W - DRIVER 350 mA
L366 - 3 LED X 2W - DRIVER 500 mA



L359
 PICCHETTO IN ALLUMINIO
 INSERIBILE
 INSERTABLE ALUMINIUM
 PICKET
 € 5,00



IP66-D 220-240 Vca: è fornito con driver inglobato in resina e cavo di 1,5 mt.
 supplied with driver inserted in resin and cable of length 1,5 mt.

CODE	APERTURA FOCALE OPENING FOCUS				VETRO GLASS		COLORI LED DISP. DISP. LED COLOURS				RGB	VERSIONI DISPONIBILI - DISPOSABLE VERSIONS					OPTIONALS E		
	6°	30°	45°	-	CH	SA	1	2	3	4		5	6	IP 65	IP 66	IP 66-L		IP 66-D-12	IP 66-D-230
L360	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€	-	306,00	-	358,00	359,00	11,00
L361	6°	30°	45°	-	CH	SA	1	2	3	4	5	6	€	-	227,00	-	289,00	291,00	11,00
L367	-	30°	-	-	CH	SA							€	-	236,00	-	-	-	11,00
L362	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	-	207,00	-	268,00	271,00	11,00
L363	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	-	227,00	-	289,00	-	11,00
L364	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	-	251,00	-	313,00	-	11,00
L365	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	-	236,00	-	297,00	299,00	11,00
L366	-	-	-	110°	CH	SA	1	2	3	4	5	6	€	-	261,00	-	322,00	-	11,00

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

+ COSTO AGGIUNTIVO - ADDITIONAL COST



L402 - 3 x 1,2w - 5.500°k



L501 - 1 x 2w - 45° - 5.500°k



L410 - 3 x 1,2w - 5.500°k



L110 - 1 x 1,2w - 90° - 5.500°k



L511 - 1 x 2w - 110° - 5.500°k

DA GIARDINO

VERSIONI: IP66 - IP66-D CON
DRIVER 12-15 Vca-cc O 220-240 Vca

STRUTTURA IN ALLUMINIO VERNICIATO
GRIGIO ARGENTO

ALLOGGIAMENTO PER DRIVER CON
PRESSACAPO IN OTTONE CROMATO

MODULO LED SOSTITUIBILE

FOR GARDEN

VERSIONI: IP66 - IP66-D WITH
DRIVER 12-15 Vca-cc OR 220-240 Vca

STRUCTURE IN PAINTED ALUMINIUM,
SILVER GREY AND GLASS

DRIVER HOUSING WITH CHROMED
PRESS

REPLACEABLE LED MODULE



CON PLEXIGLASS
WITH PLEXIGLASS

3 LED X 1,2W - DRIVER 350 mA

L412 h 60 cm.

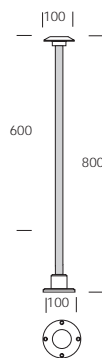
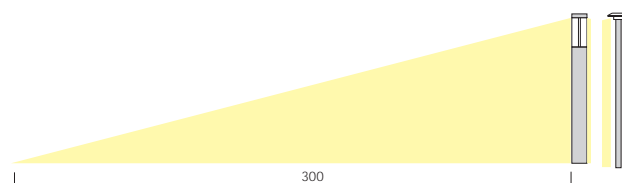
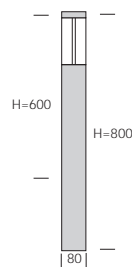
L410 h 80 cm.

RGB DISP.

3 LED X 2W - DRIVER 500 mA

L413 h 60 cm.

L411 h 80 cm.



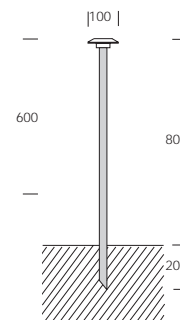
3 LED X 1,2W - DRIVER 350 mA

L400 h 60 or 80 cm.

RGB DISP.

3 LED X 2W - DRIVER 500 mA

L401 h 60 or 80 cm.



3 LED X 1,2W - DRIVER 350 mA

L402 h 60 or 80 cm.

RGB DISP.

3 LED X 2W - DRIVER 500 mA

L403 h 60 or 80 cm.

CODE	APERTURA FOCALE OPENING FOCUS			OPZIONI - OPTIONS			VERSIONI DISPONIBILI - DISPOSABLE VERSIONS						
				VETRO GLASS	COLORI LED DISP. DISP. LED COLOURS		RGB	IP 65	IP 66	IP 66-L	IP 66-D-12	IP 66-D-230	
L412	-	-	-	CH	-	1 2 3 4 5 6	RGB	€	-	292,00	-	313,00	315,00
L410	-	-	-	CH	-	1 2 3 4 5 6	RGB	€	-	304,00	-	325,00	327,00
L413	-	-	-	CH	-	1 2 3 4 5 6	-	€	-	344,00	-	365,00	-
L411	-	-	-	CH	-	1 2 3 4 5 6	-	€	-	356,00	-	377,00	-
L400	-	-	-	CH	-	1 2 3 4 5 6	RGB	€	-	198,00	-	219,00	-
L401	-	-	-	CH	-	1 2 3 4 5 6	-	€	-	228,00	-	248,00	-
L402	-	-	-	CH	-	1 2 3 4 5 6	RGB	€	-	182,00	-	203,00	-
L403	-	-	-	CH	-	1 2 3 4 5 6	-	€	-	212,00	-	232,00	-

IVA ESCL. - VAT NOT INCL

COMPOSIZIONE ORDINE A PAG. 4 - ORDER COMPOSITION AT PAGE 4

NON DISPONIBILE - NOT DISPOSABLE

ALIMENTATORI - DRIVER - ELETTRONICI A CORRENTE COSTANTE PER POWERLED

CON PROTEZIONI PER:
SOVRACCARICO, CORTO CIRCUITO, PROTEZIONE TERMICA.
MAX TEMP. AMBIENTE: 50°C MAX TEMP. ESERCIZIO: 80°C

DRIVER COSTANT CURRENT FOR POWERLED

PROTECTIONS FOR:
OVERLOAD, SHORT CIRCUIT, THERMAL PROTECTION
MAX TEMP. AMBIENTE: 50°C MAX TEMP. ESERCIZIO: 80°C

DRIVER: OUTPUT 350 mA FOR POWERLED 1,2W

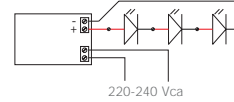


40x42x21 mm

L210 - € 26,00

MAX 3 Led x 1,2w

INPUT 220-240 Vca 50 Hz OUTPUT 350 mA



CE IP 40 F 80° EQUIV. SELV

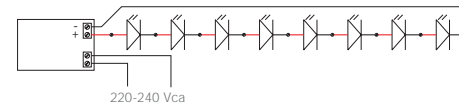


115x34x19 mm

L211 - € 32,00

MAX 8 Led x 1,2w

INPUT 220-240 Vca 50 Hz OUTPUT 350 mA

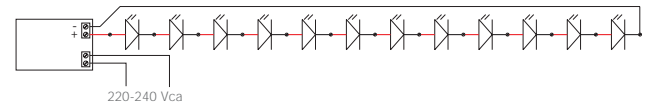


115x34x19 mm

L213 - € 38,00

MAX 12 Led x 1,2w

INPUT 220-240 Vca 50 Hz OUTPUT 350 mA



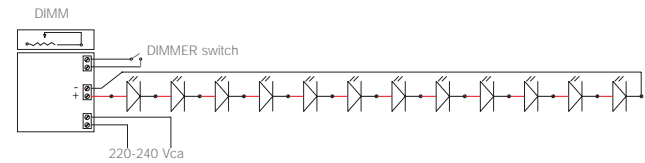
103x67x30 mm

L205 - € 54,00

MAX 12 Led x 1,2w

INPUT 220-240 Vca 50 Hz OUTPUT 350 mA

DIMMERABILE
DIMMABLE



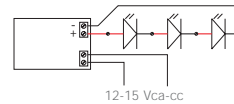
Ø 32x24 mm

L201-1 - € 36,00

MAX 3 Led x 1,2w

INPUT 12-15 Vca-cc 50 Hz OUTPUT 350 mA

INSERIBILE NEI FARETTI PREDISPOSTI, INGLOBATO IN RESINA.
UTILIZZABILE IN PRESENZA DI UMIDITA'
FITTABLE WHERE PREWIWED, IN RESIN.
USABLE WHERE HUMID



CE IP 63 F 80° EQUIV. SELV



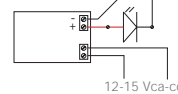
Ø 21x30 mm

L200 - € 34,00

MAX 1 Led x 1,2w

INPUT 12-15 Vca-cc 50 Hz OUTPUT 350 mA

INGLOBATO IN RESINA, FORNITO CON 1,5 mt. CAVO RNF
UTILIZZABILE IN PRESENZA DI UMIDITA'
FITTED IN RESIN, SUPPLIED WITH 1,5 mt. CABLE RNF
USABLE WHERE HUMID



CE IP 65 F 80° EQUIV. SELV

IMPORTANTE

IL POWERLED E' UN DISPOSITIVO ELETTRONICO - SEMICONDUCTORE
- PUO' ESSERE ALIMENTATO SOLO MEDIANTE APPOSITI ALIMENTATORI A CORRENTE COSTANTE I QUALI PROVVEDONO A LIMITARE IL PASSAGGIO DI CORRENTE AL VALORE IDONEO.

ALIMENTANDO IL LED IN MODO DIVERSO - BATTERIE, TRASFORMATORI, ECC. - PUO' IRRIMEDIABILMENTE E ISTANTANEAMENTE DANNEGGIARSI.

LA SOVRALIMENTAZIONE IN CORRENTE DEL LED FA AUMENTARE LA LUCE EMESSA E NE RIDUCE LA VITA.

Led & Led NON RISPONDE PER DANNI CAUSATI DALL'INOSSERVANZA DI QUANTO SOPRA.

IMPORTANT

POWERLED IS AN ELECTRONIC SYSTEM - SEMICONDUCTOR - WHICH CAN BE FEEDED ONLY THROUGH ITS COSTANT CURTRENT DRIVERS, WHICH PROVIDE TO LIMITATE THE PASSAGE OF CURRENT TO THE RIGHT QUANTITY.

FEEDING LED DIFFERENTLY - BATTERIES, TRANSFORMERS, ETC. - COULD CAUSE IMMEDIATE AND IRREPARABLE DAMAGES.

OVERFEEDING IN CURRENT OF LED INCREASE EMITTED LIGHT BUT REDUCE ITS LIFE.

Led & Led IS NOT RESPONSIBLE FOR DAMAGES CAUSED WITH INSTALLATION IN NOT CONFORMITY WITH ABOVE.

DRIVER: OUTPUT 500 mA FOR POWERLED 2W

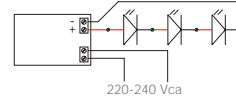


115x34x19 mm

L215 - € 35,00

MAX 3 Led x 2w

INPUT 220-240 Vca 50 Hz OUTPUT 500 mA



CE IP 40 F 80° □ EQUIV. SELV

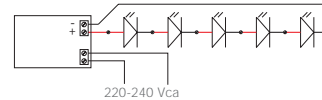


115x34x19 mm

L216 - € 39,00

MAX 5 Led x 2w

INPUT 220-240 Vca 50 Hz OUTPUT 500 mA



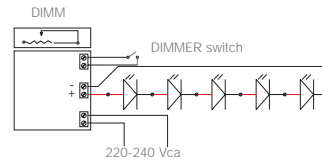
103x67x30 mm

L217 - € 54,00

MAX 5 Led x 2w

INPUT 220-240 Vca 50 Hz OUTPUT 500 mA

DIMMERABILE
DIMMABLE



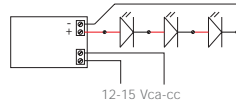
Ø 32x24 mm

L201-2 - € 36,00

MAX 3 Led x 2w

INPUT 12-15 Vca-cc 50 Hz OUTPUT 500 mA

INSERIBILE NEI FARETTI PREDISPOSTI, INGLOBATO IN RESINA.
UTILIZZABILE IN PRESENZA DI UMIDITÀ
FITTABLE WHERE PREWIWED, IN RESIN.
USABLE WHERE HUMID



CE IP 63 F 80° □ EQUIV. SELV

DRIVER: OUTPUT 700 mA FOR POWERLED 3W

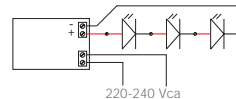


115x34x19 mm

L212 - € 37,00

MAX 3 Led x 3w

INPUT 220-240 Vca 50 Hz OUTPUT 700 mA



CE IP 40 F 80° □ EQUIV. SELV

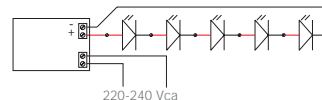


115x34x19 mm

L208 - € 39,00

MAX 5 Led x 3w

INPUT 220-240 Vca 50 Hz OUTPUT 700 mA



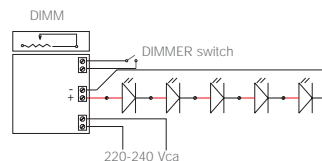
103x67x30 mm

L209 - € 54,00

MAX 5 Led x 3w

INPUT 220-240 Vca 50 Hz OUTPUT 700 mA

DIMMERABILE
DIMMABLE



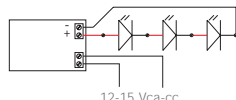
Ø 32x24 mm

L201-3 - € 34,00

MAX 3 Led x 3w

INPUT 12-15 Vca-cc 50 Hz OUTPUT 700 mA

INSERIBILE NEI FARETTI PREDISPOSTI, INGLOBATO IN RESINA.
UTILIZZABILE IN PRESENZA DI UMIDITÀ
FITTABLE WHERE PREWIWED, IN RESIN.
USABLE WHERE HUMID



CE IP 63 F 80° □ EQUIV. SELV

ALIMENTATORI PER MASTER RGB, INTERFACCIA DMX RGB E SLAVES

CON PROTEZIONI PER:
SOVRACCARICO, CORTO CIRCUITO, PROTEZIONE TERMICA.
MAX TEMP. AMBIENTE: 50°C MAX TEMP. ESERCIZIO: 80°C

DRIVERS FOR MASTER RGB, INTERFACE DMX RGB AND SLAVES

PROTECTIONS FOR:
OVERLOAD, SHORT CIRCUIT, THERMAL PROTECTION
MAX TEMP. AMBIENTE: 50°C MAX TEMP. ESERCIZIO: 80°C

ALIMENTATORI - DRIVERS



65x120x40 mm

L222-40 - € 109,00

MAX 30 Led x 1,2w
INPUT 115 - 230 Vca 50 Hz OUTPUT 24 Vcc



80x156x48 mm

L222-60 - € 136,00

MAX 45 Led x 1,2w
INPUT 220 - 240 Vca 50 Hz OUTPUT 24 Vcc



80x156x48 mm

L222-90 - € 179,00

MAX 60 Led x 1,2w
INPUT 220 - 240 Vca 50 Hz OUTPUT 24 Vcc



MASTER RGB



67x103x30 mm

L243 - € 79,00

INPUT 24 Vcc OUTPUT 350 mA

MAX 15 Led x 1,2w TOTALI, 3 CANALI CON MAX 5 Led x 1,2w CAD.
REGOLAZIONE MANUALE SINGOLA DEI 3 CANALI PER GENERARE TUTTI I COLORI

PULSANTE PER FUNZIONI
ON-OFF CON MANTENIMENTO MEMORIA

PROGRAMMI PREIMPOSTATI
ARCOBALENO, ARCOBALENO COLORI CALDI, ARCOBALENO COLORI FREDDI

PREDISPOSTO PER CONTROLLO MEDIANTE TELECOMANDO **L244**
COMANDA MAX 99 SLAVE **L245**

MAX 15 Led x 1,2w TOTAL, 3 CHANNELS WITH MAX 5 Led x 1,2w EACH
MANUAL ADJUSTMENT FOR EACH OF 3 CHANNELS TO GENERATE ALL COLOURS

FUNCTION SWITCH
ON-OFF WITH MEMORY MAINTENING

PROGRAMMED FUNCTIONS
RAINBOW, WARM COLOURS RAINBOW AND COLD COLOURS RAINBOW.

PREDISPOSED FOR REOTE CONTROL TROUGHT **L244**
FOR MAX 99 SLAVES **L245**



L244 - € 16,00

TELECOMANDO A INFRAROSSI E FOTOCPELLULA PER MASTER **L243**
GESTISCE LE FUNZIONI DEL MASTER DA DISTANZA MAX 10-15 mt
IR REMOTE CONTROL AND PHOTO CELL FOR MASTER **L243**
IT CONTROLS MASTER FUNCTION FROM MAX DISTANCE 10-15 mt

INTERFACCIA - INTERFACE DMX RGB



34x115x19 mm

L230 - € 75,00

INPUT 24 Vcc

MODULO INTERFACCIA DMX 512-2000 DA INTERPORRE
TRA CENTRALINA DMX E SLAVES
COMANDA MAX 99 SLAVES **L245**

INTERFACE DMX 512-2000 TO PUT AMONG DMX CONTROL SYSTEM AND SLAVES
IT CONTROLS MAX 99 SLAVES **L245**

SLAVE RGB



67x103x30 mm

L245 - € 63,00

INPUT 24 Vcc OUTPUT 350mA

UTILIZZABILE CON SISTEMI RGB E DMX RGB
MAX 15 Led x 1,2w TOTALI, 3 CANALI CON MAX 5 Led x 1,2w CAD.

USABLE WITH RGB AND DMX RGB SYSTEMS
MAX 15 Led x 1,2w TOTAL, 3 CHANNEL WITH MAX 5 Led x 1,2w EACH

ALIMENTAZIONE MASTER RGB, INTERFACCIA DMX RGB E SLAVES

L'ALIMENTAZIONE (24 Vcc) DEL MASTER L243 E DEGLI SLAVES L245 AVVIENE MEDIANTE ALIMENTATORE L222 DI POTENZA ADEGUATA AL NUMERO DI LED DA PILOTARE.

GLI SLAVES SONO ALIMENTATI IN PARALLELO FINO AL RAGGIUNGIMENTO DEL NUMERO MAX DI LED PREVISTI DALL'ALIMENTATORE UTILIZZATO

GLI SLAVES SUCCESSIVI NON AVRANNO L'ALIMENTAZIONE IN C.C. COLLEGATA IN PARALLELO AGLI SLAVES PRECEDENTI MA AVRANNO UN NUOVO ALIMENTATORE CON MODALITA' COME AL PUNTO PRECEDENTE.

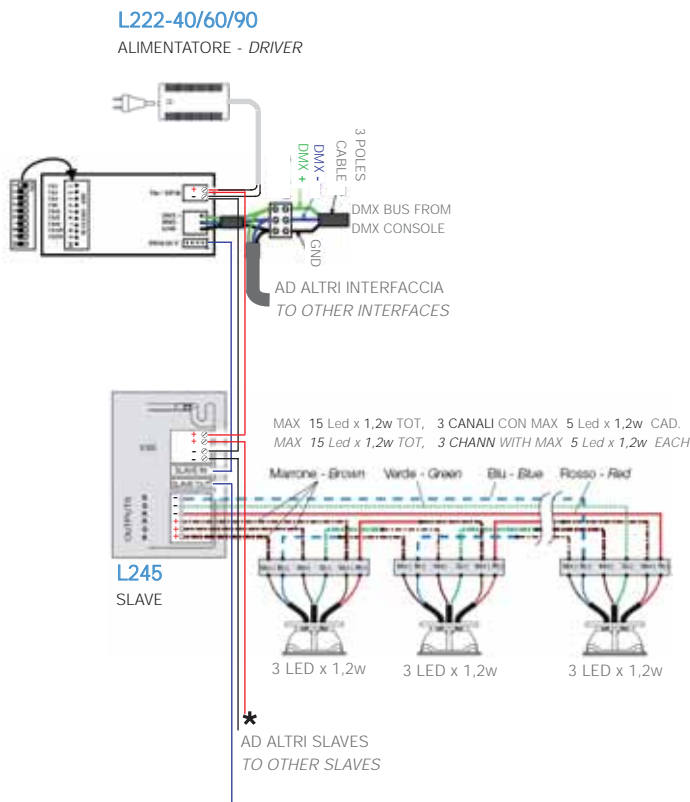
FEEDING OF MASTER RGB, INTERFACE DMX RGB AND SLAVES

THE FEEDING (24 Vcc) OF MASTER L243 AND SLAVES L245 RUN THROUGH DRIVER L222 OF POWER SUITABLE TO NUMBER OF LED TO CONTROL.

SLAVES ARE FEEDED IN PARALLEL TILL THE ATTAINMENT OF MAX NUMBER OF LED PREVIEWED FROM USED DRIVER

FURTHER SLAVES WILL NOT HAVE FEEDING IN C.C. PARALLEL CONNECTED TO PREVIOUS SLAVES AND THEY WILL HAVE A NEW DRIVER WITH SAME MODALITY AS BEFORE.

COLLEGAMENTO DMX RGB DMX RGB CONNECTION



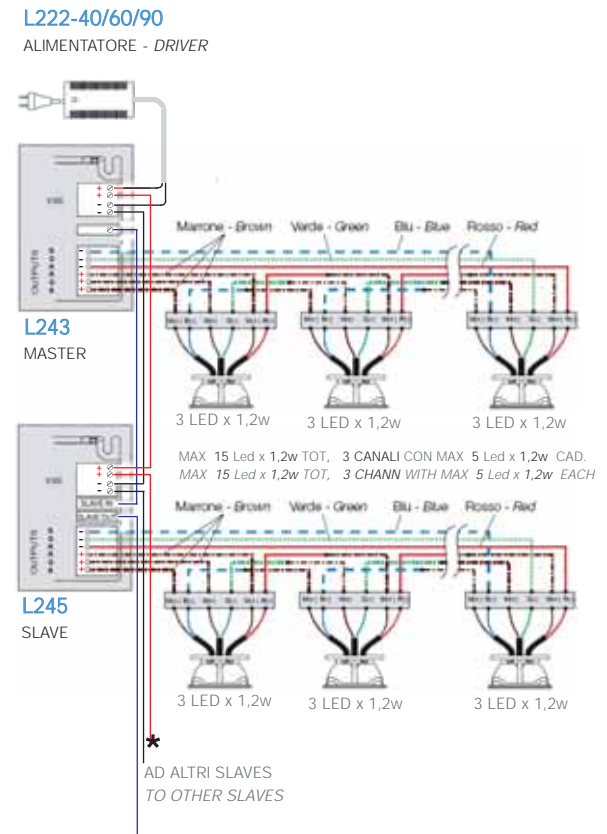
*

FINO AL RAGGIUNGIMENTO DEL NUMERO MAX DI LED 1,2w PREVISTI DALL'ALIMENTATORE L222 UTILIZZATO.

GLI EVENTUALI SLAVES SUCCESSIVI UTILizzeranno ALTRI ALIMENTATORI L222. IL COLLEGAMENTO IN PARALLELO DELL'ALIMENTAZIONE CON GLI SLAVES PRECEDENTI E' INTERROTTO

IL COLLEGAMENTO IN PARALLELO DEL PILOTAGGIO (SLAVE IN - OUT) PROSEGUE PER TUTTI GLI SLAVES UTILIZZATI (MAX 99)

COLLEGAMENTO RGB RGB CONNECTION



*

TILL THE ATTAINMENT OF MAX NUMBER OF LED PREVIEWED FROM USED L222 DRIVER

EVENTUAL FURTHER SLAVES WILL USE OTHER DRIVERS L222, PARALLEL CONNECTION OF FEEDING WITH PREVIOUS SLAVES IS INTERRUPTED

PARALLEL CONNECTION OF CONTROL SIGNAL (SLAVE IN - OUT) CONTINUES FOR ALL OTHER USED SLAVES (MAX 99)

STRIP LED MODULARI, FLESSIBILI, RGB E RELATIVI DRIVERS

DATA LA CONTINUA EVOLUZIONE DI TALI DISPOSITIVI, LE INFORMAZIONI SUI PRODOTTI AL MOMENTO DISPONIBILI SONO FORNIBILI SU RICHIESTA.

MODULAR, FLEXIBLE, RGB LED STRIPS AND THEIR DRIVERS

DUE TO CONTINUOUS EVOLUTION, INFORMATION ON ITEMS ACTUALLY DISPOSABLE ARE SUPPLIABLE ON REQUEST.



Led & Led

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L083	9	L138	17	L192	39	L329	38	L377	38	L531	30		
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L087	9	L142	18	L196	39	L333	31	L403	43	L535	30		
L088	9	L143	18	L197	39	L334	31	L410	43	L550	32		
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L094	11	L149	19	L205	44	L344	12	L422	27	L580	32		
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I SISTEMI DI ILLUMINAZIONE MEDIANTE LED SONO IN FORTE EVOLUZIONE.

AL FINE DI MIGLIORARE I PROPRI PRODOTTI **Led & Led** SI RISERVA IL DIRITTO DI APPORTARE A QUANTO DESCRITTO IN QUESTO CATALOGO, TUTTE LE MODIFICHE DA ESSA RITENUTE OPPORTUNE, SENZA PREAVVISO.

LE MISURE ED I RENDIMENTI SONO DA RITENERSI INDICATIVI E NON VINCOLANTI AI FINI CONTRATTUALI.

Led & Led

PUO' FABBRICARE DISPOSITIVI SU VOSTRA RICHIESTA O DISEGNO.

LED LIGHTING SYSTEMS ARE IN CONTINUOUS EVOLUTION.

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MEASURES AND ACHIEVEMENTS DECLARED ARE INDICATIVES AND NOT BINDING FOR CONTRACTUAL PURPOSE.

Led & Led

CAN PRODUCES ITEMS ON YOUR REQUEST OR DRAWING.



N. 3 L093 - 3 LED x 1,2w - 30° - 5.500°k



L550 - 3 LED x 1,2w - 30° - 5.500°k



TEST:
3 SPOT 3 LED x 1,2w - 30° - 5.500°k



TEST:
3 SPOT 3 LED x 1,2w - 6° - 5.500°k



TEST:
1 SPOT 1 LED x 1,2w - 6° - BLUE
3 SPOT 3 LED x 1,2w - 30° - 5.500°k

I DATI, LE CARATTERISTICHE E LE MISURE INDICATE SONO DA RITENERSI INDICATIVI E NON VINCOLANTI AI FINI CONTRATTUALI. ELTEK FIBRE OTTICHE SI RISERVA IL DIRITTO DI APPORRE MODIFICHE A QUANTO DESCRITTO SENZA PREAVVISO. TUTTI GLI ORDINI SONO SOGGETTI ALLE NOSTRE CONDIZIONI DI VENDITA IN CORSO, COPIA DELLE QUALI E FORNIBILE SU RICHIESTA.

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Led & Led®

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Led lighting systems

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Arte

LIGHTING

Corpi illuminanti a fibra ottica
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MADE BY



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